

SEQUENCE LISTING

<110> ENDEGE, WILSON O., ET AL.

<120> NOVEL HUMAN GENES AND GENE EXPRESSION
PRODUCTS: II

<130> CCDNA-260XX

<150> 09/328,111

<151> 1999-06-08

<150> 60/117,393

<151> 1999-01-27

<150> 60/098,639

<151> 1998-08-31

<160> 544

<170> FastSEQ for Windows Version 3.0

<210> 1

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 1

gcgtggtcng	gccgaggtac	agtctcggt	cactgcaatc	tctgcctgcc	cagntcaagc	60
gattctccat	catgttggcc	aggctggtct	caaattcctg	aggtgatctg	cccacctctg	120
cctgccaaag	tgctgggatt	acaggtggtg	agcgatagtg	ctcggcctat	tatttctttt	180
taaatctttg	gtagaattaa	tactgaaac	tatntgtgct	ttttttgnng	gaaaaattat	240
ttattttaaa	gacaggtct	tgntctgttg	cctgtgctgg	antgcagtgg	tgcaatctca	300
gtttactgca	accttggtgc	aacctactgn	caagtgatcc	tactgnetca	cctccnagta	360
ncttggatta	caggcacgcg	ccaccatgcc	cngntaggtg	ttgnattttt	aggagaaacn	420
gggtttcatn	atattgggca	gcnnnggctg	agcttctgaa	ctcaantgat	ccnccncttc	480
ggcctnccaa	acactgggat	tacagggcgtg	agccctcccc	tgntgatacg	nagnggtttt	540
aanaagattn	tcttcaantt	ngtttaaaaa	ttctaatttn	ngaccatttt	tnetgcccgc	600
ggcgnaaaag	gcnaatcn					618

<210> 2

<211> 640

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(640)
 <223> n = A,T,C or G

<400> 2

actttttttt	ttttttttt	tttttgagac	agggctcttgc	tttgtcacct	gggctgaagt	60
gcagtggcat	gatcatggct	cactgcagcc	tcaacctcct	aggctcaagt	gattctctca	120
cctcctcctc	ttgagtagat	gggacttaca	ggcgcatgcc	accacatgca	gataattttt	180
gtattttttg	tanaaacagg	gttttgccat	gttaccctaaa	ctgggtcccaa	gctcctgggc	240
tcaagagatc	tgcctgcccc	aacctcccaa	agtgtctggga	attacaggca	ttgagccacc	300
acacccagcc	tgattgtttc	ttctcataac	tcaactctac	tgntgatcct	ctttaatgaa	360
ttttantttc	aagtcattct	actttttccac	tccaaaattt	tgatttgggt	cttttaaata	420
aattttattt	attggaattc	tttatttggg	gagaagggtat	catatattcc	tttanttctt	480
ttggcgngct	ttcttttaac	tctttgatat	ttataatagc	tgntttgaaa	gctttttntg	540
gtaagtccaa	cattngggnc	ctcaangctt	ttttaatgct	gctttttttc	ccctattatg	600
gnaaacttcc	agttatttta	tgctaataag	gttcggaaaa			640

<210> 3
 <211> 635
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(635)
 <223> n = A,T,C or G

<400> 3

acactagcat	aaatgaagat	taagaaataa	gtctttccag	attattttta	ctcaagaatt	60
tgtttcagtg	ctaggcaagg	atgatcaatt	ttagtttgca	tatgaagact	caaagggaga	120
tgattaaaag	cacgtaactc	tttgactcac	ccctagaagg	tctttgatga	ggcccagcaa	180
tctggaaaat	tatgatataa	tattacacaa	tgattattta	acaatatttt	agaagtaact	240
gccattttggg	ggtcacagaa	caataactaat	ctcaattatg	ttacccatca	acaaattgaa	300
tataattaaa	ttatttttcaa	aatatatggg	ttgagattat	tttccaatta	aaattgccag	360
gtgaggaaca	gcacttttcc	attcgctgct	gaatgtgatg	aaatactgga	tagtcataga	420
gggtctaccc	agatgtccct	ttgggagaag	tggtgtgggg	gaaaatgggc	tggttgtgtg	480
cacccaaact	accctttaag	aacttggtgc	tggagccatt	aaaaataatt	gngctggtct	540
tataaatatg	aaaaactttg	ggaaatcctt	gtgacatcga	tgcanttggg	ttgggaagtt	600
cctgataaaa	atatctaaaa	atacacccat	tgaaa			635

<210> 4
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 4

acgcggggac	taagacctca	aaagcacagg	cgacaaaaat	aaaaatagac	aaatgggaat	60
taactaagaa	gtttctacac	aacaaaagaa	ataatcaaca	gagtaaacag	ataatttcca	120
gaacggaaga	aaatatgtgc	aaactattca	tccagcagtg	gacaaatacc	cagtatatac	180

aagaaactca	aacaacaaca	ataaaagaca	aatcatcccc	ttaaaaaggag	ggcaaaagac	240
aagaacagac	atTTTTcaaa	agaagatata	caaatgacta	acaggtatat	taaaaatgca	300
caacatcact	aatcatcaga	gaaatgcaaa	ttaaaaccac	aatgagatat	catcttacct	360
cagtcaaaat	ggctactatt	aaagagtcaa	aaaataatag	atcttggcca	ggacatggat	420
aaaagagaac	tcttacatac	tgggtggtagg	aatgcaaatt	aacacagcct	ctatagaaaa	480
cagtatngag	attgctcaag	aactaaaaat	agagctatca	tttggccanc	atnccctgnt	540
gggttctacc	caangaaaag	aaatcatggt	caaaaaaaa	aaaaaaaaaa	aaagtncttg	600
gcggggaccct	aaggggattc	acccctn				627

<210> 5
 <211> 411
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(411)
 <223> n = A,T,C or G

<400> 5						
cgaggtacgc	ggcctggcca	acatggtgaa	accccgctctc	taccaaagat	acaaaaaatt	60
agccaggtgt	ggtggcatgt	gcctgtagtc	ccagctactc	aggaggatga	ggcaggggaa	120
tcacttaaac	ctggggaggcg	gagattgcag	tgagccaaga	tcgcgctatt	gcactctagc	180
ctgggtgaca	gagcaagact	ccgtctcaaa	aaataataat	aataaaatga	aaataatcag	240
ctgggtgtgg	tggcatgtgc	ctgtagtccc	agctactcag	gaggatgagg	caggggaatc	300
acttaaacct	gggaggcgga	gattgcagtg	agccaagatc	gcgctattgc	actccagcct	360
gatgacagac	ctagactccg	tctccaaaaa	aaaaaaaana	aaaaaaaaag	t	411

<210> 6
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 6						
accaagtcac	cagacacaag	taaatatggg	ccttggggct	tcttttcttg	ctgacgcata	60
ttcacacagg	cagcgtgtgc	tgtgtgtgtt	tacaactgtg	tttcttagtc	ttctattcag	120
agtaataaca	gcatgacttc	cctaagatct	gattcagaga	attgaaatat	gccctgagaa	180
aacataagag	gtttttcttg	agaagtgtcc	caagggtaat	attaattggt	caaggatggt	240
tcggaaaaag	ttgcaatcat	cactgtggca	aatgaatcta	gggagaggaa	gcatgagtta	300
tttaatgtca	gttactcctt	tccgtagggt	tttgcccttt	tttggacttt	acacacagcc	360
catttgctat	gaaactatca	gctcaaatag	cangctttca	ngcaggccaa	caatggcaga	420
ctgcattctt	nctactttnt	ccaatcatat	ttatcaagtc	ccattggggag	aatactttca	480
gtagngctca	aantaccgcg	ntncaattgg	aactgcangg	aaccnttcag	aaataacnct	540
tnaagaaaga	aataaccctt	canggaanac	cctttnggnt	tcactctann	tgggggttnac	600
aagaaa						606

<210> 7
 <211> 620

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 7

ccgtggcccc	ggccgaaggt	ccnctgganc	cccgggtggt	aattggctgg	aggtaaattgg	60
tggttaangta	ttaaccattt	ctatggaaat	gncccttttg	ggccctcctg	gatttttaaaa	120
tggtccccctg	gtttggacnt	ttctattaaa	gaaatggnc	ttttaccta	aatgccnggt	180
ctaccttatt	aaagancaaa	tngnntattn	gaccttaaaa	taggcatttt	tcctaatacat	240
aatctggccg	gcttaacccc	aatcaagata	attgggtgcc	cnttatgaat	ttgaagttag	300
tgatagcctc	cttgtaaggt	gctaccctna	tggggataga	gaccccagct	actantaatt	360
ngggaaaatg	gttaaggtat	ttgggaaaag	tactctttta	aaaacatatt	ggccacagaa	420
ancctaggct	gaattacnng	gattgataat	tttgnaanta	atttcntana	atgggcnnng	480
tggaatgaaa	aatggcctcc	tcnttttccc	tggaaccagc	ngctttttgc	ctaaacntta	540
ncctttttta	gttgaacctc	gggaccacct	aatnggcntc	acaattccct	ttttcctttc	600
cttttttttt	gcccaagggg					620

<210> 8
 <211> 263
 <212> DNA
 <213> Homo sapiens

<400> 8

gcgtgggtcg	cggccgaggt	accacttttc	ttattgcaac	tcaacaagtg	gcaattggtg	60
atgaaaagtc	aagtggggaa	cccagtctgt	ggggaacaaa	tggaataact	tacctgtcac	120
cttgtctaac	cgggatgcaa	atcctcaagt	ggtattaaaa	agcatacagt	gttttataac	180
tgtagttgtg	tggaaagtaa	ctggtctcca	agaacagaaa	ttactcagcg	cacttgggtg	240
aatgcccaag	aaataatact	tgt				263

<210> 9
 <211> 590
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 9

acaacagggg	tcttgcatca	agcttcatgc	tttcccagac	atttactcaa	gggaacgtgg	60
gagagggagg	aggaggagg	gagctgggag	tgataagcag	atgttacaca	tgtttttcct	120
ggaaagatca	ccccactttt	tctaatttcc	cagaattaaa	agaatgtatt	ttatctgtat	180
taccatggaa	attactagta	acactggatt	tttttccctc	ttttctaaag	tttccaaaaa	240
ctttcaaaag	tgttcaaaga	aattttcttg	aacaatttta	atatgtttga	tttctcattt	300
ggggctggaa	tatttgtatt	cttttttaatt	tttttacttc	atttattaga	agaagtctct	360
aatatgtgta	ggaatacaat	tttaaagtga	agattatata	gatgtagata	tagatagata	420
gatatatgta	gatatatnga	tttatgtcnc	aatatcactn	taaggcattc	ttcttccatc	480
cttttatatc	tncccaaact	ggtntnatgg	gacctgtcct	gcctgtaggt	aaaanccttn	540

<210> 10
 <211> 609
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 10
 cgagggtacgt ttttcaatgt tttaaaaaat tgaaagggag tataatgttt cataacacat 60
 gggaaattat gtgcagctca aatttcaagt atccataaat aaagttttat tggaacacag 120
 ctacgctcac tcattagata ttgtctatgg ctgtttttgt gcaaaatggc aganttgggt 180
 tcagagttag caacagagag cttgtagcct gcaagcctag agtatttact atctggattt 240
 ctacagaaaa aaaaaattat tgccccctgc catacagtct gactgatagc ctgagaaagt 300
 atgcattaaa agaaagttag ctaccctgac cccatgagaa tgaatttgaa aagaaccnag 360
 atgtggttag agcagatagg ctatgaaagt ttcagaaggg tancatcact gtgggcnagg 420
 atattcaaga aaagacttca nggaaaatgt nggggtttga actggncttg agtaggagtt 480
 naacttangg gaactggntt taggtngcca ctttaaggct gtcaaanatc atggcccaac 540
 attcantttg gcccaaattc cccangngcc ttaaaaattt ggacatggct tgggttgggg 600
 gncaccctt 609

<210> 11
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 11
 acgcgggatg tagtcagagg aggccctgac atctgcaggg cagcatgggt caaaccaaaa 60
 agacttttct gaggttgggc gcagtggctc acgcctgtaa tccaacact ttggaaggcc 120
 agtaggggag gatcacctga ggctcaggaga ttcgagacca tcctggctaa cacggtgaaa 180
 ccccatctct actaaaaaaaa atacgaaaaa aattagccag gcgtgggtgac ggggtgcctgt 240
 agtcccagct actagggagg ctgaggcagg agaatgggtg gaacccggga ggcagagctt 300
 gcagtgagcc gagatcaggc cactgcactc cagcctgggc cacaagagcg agactctgtc 360
 ttaaaaaaaaa caaacaaaca aacacacaca cacacacaan aagacaaaaa taattagcag 420
 ggaatgctgg tgcattgctg tatcccaact ctcaggaggt tgaagcagga gaatcacctt 480
 gacccatnag caatgttcat gaacttagnc cngccttgga cttcancaag gcaccgagta 540
 aganttcntt tnaaaaaaaaa aannnaaaaa aaagtcct 578

<210> 12
 <211> 581
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 12

actttttttt	tttttttttt	tttttttttt	gggacggagt	cttgctctgt	tgcccaggct	60
ggagtgcagt	ggcgccatct	tggtcacta	caagctccgc	ctcccgggtt	cacaccattc	120
tectgtctta	gcctcccagc	gcccgccacc	gcacccggct	aattttttgt	attttttagta	180
gagacagggt	ttcaccatgt	tagccaggat	ggtctcgatc	tcctgacctc	gtggcccacc	240
tgctttggcc	tccaaaagtg	ctggaattac	agtcgtgagc	caccacgccc	ggcctaaacc	300
atttctcttg	acaacactct	ggattttatt	tctggccaga	taccatttat	caattttacc	360
atcaagaata	agataatcaa	aataataatc	aagttttata	ttagacttat	gaagattctt	420
gcacctttga	aattacagct	atctcactag	tttattctcc	tctctcatat	tttattacng	480
acntccagga	agacaaccaa	cacctttaaa	agttggctga	gcatttttta	nggagaccct	540
taggtaanag	ggncctnggc	gggaacccct	taggggnaat	n		581

<210> 13
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 13

ggtactggaa	caactataag	acccctgttc	agattaagga	atttggtgca	gtttcaaaaag	60
tagacttttc	tcctcagcct	ccatataatt	atgctgtcac	agcttcctca	agaattcaca	120
tttatggccg	atactcccaa	gaacctataa	aaaccttttc	tcgatttaaa	gacacagcat	180
actgtgctac	ttttcgacaa	gatggtagat	tgcttgtggc	tggcagtga	gatggtggag	240
ttcaactttt	tgatataagt	gggagggctc	ccctcaggca	gtttgaaggc	catacaaaaag	300
cagttcatac	agtagatttt	acagctgaca	aatatcacgt	ggtctctggg	gctgatgatt	360
atacagttaa	attatgggat	attccaaact	ccaaagaaat	ttttgacatt	taaaggaaca	420
ctctgattat	gtgangtggt	gatgtgctag	caaacttta	tcgggatctc	tttataacca	480
gggacatatg	atcatactgn	gaagatggtg	gatgcncgaa	ccnattgaaa	agtgggtctt	540
ccgttgagca	tggccnncag	tngaaantgn	cctacttttc	cccttggaag	gctttggggg	600
annangg						607

<210> 14
 <211> 599
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(599)
 <223> n = A,T,C or G

<400> 14

ggtactttca	aaatataaca	attttcgttc	tcccatataa	caggggggcta	acaagaaaac	60
caaaaataaa	taaaaagaga	aaattttaaa	ataagtaaaa	aataaaaaaa	tattttttaa	120
aagcagcctg	ggcaagagaa	gtgggtgggt	ttaggagaat	ccctttcgaa	aaattcagag	180

cattattatt	aatcggttctt	aaattaaatg	cagggccaag	catgctgcac	gtggaatctg	240
gacaattttt	tgataaactt	taaggctgct	aaataattta	cagaaactgt	gaatgcattt	300
tcatttttacg	aggcaaaaaga	gaaaatattc	aagattgcat	agcaatttta	ttttttgaaa	360
tgggtatcct	aaagaatttc	cttaaattca	gattttgcaa	aattcctact	ctncaagtca	420
tcaagtgaac	actaaaagca	actttctcgt	gaatcagtgg	acttttacga	ggcatgcatt	480
tttcataaat	ctaggccaag	tgacctaat	gngattaaat	cttaatcatc	ctgngattct	540
ggctattaan	atgggtttta	ancngtaaaa	atnctttnaa	aaagccgtta	cttnccgan	599

<210> 15

<211> 457

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(457)

<223> n = A,T,C or G

<400> 15

ggtacttttt	tttttttttt	tttttttttc	gaaatgaaca	aatattttatt	tatctttttat	60
aacaagtaag	gcaatggtgc	ttaaaggaag	acaaacaaac	ataaaagatt	ccgttgacaa	120
tgcatttttt	catntgttcg	gcacaatgct	tttgtcataa	tggagatgtg	acagcaaact	180
ttccaggaca	ttcagtcctc	ggnggcagca	cttagggcan	atgactggcc	gctcaaattc	240
tctatnttgt	ttcaggacag	tggaaaagct	tatanatgag	gccaaagcac	caggtagggtg	300
gaaggttctt	gtatcgggtc	gaaccccagc	agcgcgcgca	cagacaacac	naggcagtg	360
ggaggaacat	gctgttttaa	tgancgcctg	ggtgcangcg	tgctgaggct	gaaaatggca	420
taacccccgc	gtcctgceng	gcgggcgctc	aaanggn			457

<210> 16

<211> 643

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 16

ggtacaatct	agctgaaatc	atatacaagt	aagtaggtgt	ggactttttac	tgctgagcta	60
aagtttatgt	ttatatatgt	tttattcttt	aagctaaaca	aacattcaga	taacattcta	120
tgcatttttt	gaagcatagg	gttagtaatg	aggacttaga	ttttttaatt	aaacaattca	180
gtaactatat	aaaaagaaaa	ggagtccctt	atgaataaat	attaaaatta	aaagaaatag	240
gcaactataa	aagtaagtat	ttttaataat	ggcattgatt	ttagtaagaa	atcaattagg	300
ctgggctgga	aagaaaaact	ggcttaatat	aaagtagttt	taatatggca	aatattcttc	360
ttaaaattgn	ggccctggaa	tatcatttct	gcctattgct	gatgctaagg	natcaactgn	420
gccaagtatt	gggctgntcc	acaggtggga	angagtagca	acatttttng	gatttttttt	480
tttttttaaa	accggagaat	acccggccag	gggntcaagn	ctgnatccac	antttgggag	540
nttagccgga	naanccttgg	anccggagna	aaggttnaan	gagncaaaat	gngccatggn	600
ttccanctgg	ggaccgggg	gnaactcttt	taaaccnaaa	aat		643

<210> 17

<211> 336

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 17
ggtactttga taaatgtaga aagattatatt aattctggct tggtagcgtg gctcatgcct 60
ataatcccag cacttcagga ggctgaggtg ggtggatcac ttgagctcag gagtttgaga 120
ccaggcgaaa ccctgtctcc acaaaaaaatg caaaaattgc tggacatggt ggcacatgcc 180
tgtagtccca gctacttgga aggctgagggc aggaggatag cttgagccca ggaggtcaag 240
gttgcagtga gccgagattg tgccactgca ctccagcctg ggcaacagag caagaccctg 300
cctcaaattt aaaaaaaaaa aannaaaaaa aaaagt 336

<210> 18
<211> 614
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 18
ggtacactct tcttcgcctt tgagtgcgcg tacctggctg ttcagctgtc tcttgccatc 60
cctgtatttg ctgccatgct cttccctttt tccatggcta cactgttgag gaccagtttc 120
agtgaccctg gagtgattcc tcgggcgcta ccagatgaag cagctttcat agaaatggag 180
atagaagcta ccaatggtgc ggtgccccag ggccagcgac caccgcctcg tatcaagaat 240
ttccagataa acaaccagat tgtgaaactg aaatactgtt acacatgcaa gatcttccgg 300
cctcccgggc ctccattgca gcatctgtga caactgtgtg gagcgcttcg accatcactg 360
cccctgggta gggaaatgtg ttggaaaaga ggaactaccg ntacttctac ctcttcatcc 420
tttctctttt ccttccttac aaactaaggc tttngctttc aacatcgcta tgtgggacct 480
aaaatccttg aaaattggct ttttggaana cattgaaaga aactcctgga aactgggtcta 540
gaaagnctta attgcttctt tacacttttg nccnnenggg actgatggga tttcanactt 600
tcttgggact ttna 614

<210> 19
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

<400> 19
actttttttt tttttttttt ttttttttgg gatggagtct cactntgttg ccaaggctgg 60
agtgcagtgg cataatttcg gctcacttca acctctgcct cccgggttca agcaattctg 120
cgtcagcctc cggaggagct aggactacag gcatgcacca ccatgccc aa ctaatttttg 180

natttttagt	agagatggag	tttcaccata	ttgaccaggc	taggctgggc	ttgaactcct	240
agcctnaggt	gatctgcccc	cctnagcccc	ccaaagtacc	tcggccgtga	ccacgc	296

<210> 20
 <211> 565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(565)
 <223> n = A,T,C or G

<400> 20						
accaattata	atgcattatt	atgaaatatt	taaaatgggg	aatccaagat	gacatagttt	60
ttaactcatc	cacatactgg	aagtttagag	aaactcagaa	tttcttattt	ctttttcttt	120
ttcctccata	gcataaaaagc	tttgctaata	agaataaata	tatatattgg	agtttttagtg	180
tttgatcctg	tgatcagttg	taaccatgtg	tcataaaaact	ctctcacaga	ttccatcttt	240
cccaaattctt	ctgatcataa	cacagattgc	catatagact	tcccttgtaa	ggagaatatg	300
ctggccataa	ggcaagcana	agtgaacttg	cagtttcact	tcttggaat	taatgcattt	360
gcattgactt	ctataannta	atctctcctg	aatttttttg	cttagtcaac	ttactgtgtg	420
caaagncaac	agnaaattgt	ctttggttna	acttttaaca	ggncaattha	taaattgggt	480
tgaagaagcn	tccnnaaatt	ttttattgaa	ggctgaattc	aagcctcctt	taaaatggnc	540
atngnataan	gggaatttat	tgtng				565

<210> 21
 <211> 582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 21						
ggtactggaa	caactataag	acccctgttc	agattaagga	atttggcgca	gtttcaaaaag	60
tagacttttc	tcctcagcct	ccatataatt	atgctgtcac	agcttcctca	agaattcaca	120
tttatggccg	atactcccaa	gaacctataa	aaaccttttc	tcgatttaaa	gacacagcat	180
actgtgctac	ttttcgacaa	gatggtagat	tgcttggtgc	tggcagtgaa	gatggtggag	240
ttcaactttt	tgatataagt	gggagggctc	ccctcaggca	gtttgaaggc	catcaaaaagc	300
agttcataca	gtagatttta	cagctgacaa	atatcacgtg	gtctctgggg	ctgatgatta	360
tacnagttaa	atztatgggg	atattncaaa	cttccaaaaga	aaattttgnc	cattttaaag	420
aacactctng	antatggnga	aggtgnggnt	tgtgcctaac	caaacttaat	tccgggatct	480
tttttatnta	ccnggattcn	tttgatctt	ncnggtaaaa	aanggttga	tnccccnaac	540
nnattgaaaa	nngttctntc	cnnttgacct	nggccancn	ng		582

<210> 22
 <211> 349
 <212> DNA
 <213> Homo sapiens

<400> 22

actttttttt	ttttttttt	ttttttgaga	tggagtcttg	ctcttggtgc	ccaggctgga	60
gcaacctccg	cctcctgggt	tcaagtgatt	ctcctgcctc	aacctccga	gtagctggga	120
ttacaggtgc	ccgccaccat	gccgagctaa	tttttgtatc	cctagtaaag	acggagtttt	180
gccatgttgg	ccaggctggg	ctcgaactcc	taacttcacg	atctgctcac	catggcctcc	240
caaagtgtcg	ggattacagg	cgtgagccac	tgtgcccaac	cctcttttcc	tttttcaaat	300
gtcaatggaa	agttgattgg	aaaggacaat	ttggctacct	tttgggtacc		349

<210> 23
 <211> 576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (576)
 <223> n = A,T,C or G

<400> 23						
acctgttctt	ggagccaatg	tgactgcttt	cattgaatca	cagaatggac	atacagaagt	60
tttggaactt	ttggataatg	gtgcaggcgc	tgattctttc	aagaatgatg	gagtctactc	120
caggatattt	acagcatata	cagaaaatgg	cagatatagc	ttaaaagtcc	gggctcatgg	180
aggagcaaac	actgccaggc	taaaattacg	gcctccactg	aatagagccg	cgtacatacc	240
aggctgggta	gtgaacgggg	aaattgaagc	aaacccgcc	agacctgaaa	ttgatgagga	300
tactcagacc	accttgaggg	atttcagccg	aacagcatcc	ggaggtgcat	ttgtgggtatc	360
acaagtccca	agccttcctt	gcctgaccaa	taccaccaa	gtcaaatac	agaccttgat	420
gccacagttc	attaggataa	gattattctt	acatggacag	caccaggaga	taattttgat	480
gttggaaaag	ttcaacgtta	tatcataaga	ataatgccag	tattcttgac	taagagacag	540
ttttgatgat	ctcttaagta	aatactctga	ntgccn			576

<210> 24
 <211> 618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (618)
 <223> n = A,T,C or G

<400> 24						
acttaaaata	aagttaacaa	ttacaacaga	cccaatcaca	gacaatacca	gcgtagaaat	60
attaactcca	gaattatgac	ttttatcagg	agtaggagta	ggagtaggag	taggtgtagg	120
atcaatgtca	tcaggatttg	cttgagggat	aaacaaagtt	acttgtgcaa	tggtggatac	180
ttttgatgtc	aaattgcttt	tatctatact	tttaatggca	ataaatatgt	gggttgcat	240
ttcttctgag	atattttctg	gtttaaatgc	aaagctttcc	ttggagttgg	cctcctttgg	300
tgacagatca	gtagtattta	cttgaagagc	atcatcaaaa	ctgtctctta	gatcaagaat	360
acttgcactt	attcttatga	tataacgttg	aacttttcca	acatcaaaa	tatctcctgg	420
tgctgtccat	gtaagaataa	tcttatcctc	atgaactgtg	gcatcaagg	ctgtgatttg	480
acttgggtgg	tattgggtcag	caagggaagg	cttgggactt	gtgatccaca	aatgccctcc	540
ggatgctgtc	ggctgaaatc	ctccangtgg	ctgagtatcc	tcatcaattc	aggtcttggc	600
nggttgcttc	aattnccc					618

<210> 25

<211> 595
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 25

acataccacg	ctgggtagtg	aacggggaaa	ttgaagcaaa	cccgccaaga	cctgaaattg	60
atgaggatac	tcagaccacc	ttggaggatt	tcagccgaac	agcatccgga	ggtgcatttg	120
tggntncaca	agtcccaagc	cttcccttgc	ctgaccaata	cccaccaagt	caaatacacag	180
accttgatgc	cacagntcat	gaggataana	ttattcttac	atggacagca	ccaggagata	240
atcttgatgt	tggaagagtt	caacgntata	tcataagaat	aagtgcaggt	attcttgatc	300
taagagacag	ttntgatgat	gctcttcaag	taaatactac	tgatctgtca	ccaaaggagg	360
ccaactccaa	ngaaagcttt	gcnttttaaac	cagaaaatat	ctcagaagaa	aatgcaaccc	420
acataattat	tgccnttnaa	agtatagata	nagcaatttg	acatcnaagt	ntccacattg	480
nacaagtnac	tttgggttatc	cctcagcaaa	tctgatgaca	ttggatctac	tctactctac	540
ttctantttc	gaaaaaggat	aatccggngt	aaattttccc	tggattgctg	ggatg	595

<210> 26
 <211> 361
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(361)
 <223> n = A,T,C or G

<400> 26

actttttttt	tttttttttt	ttttttctga	gcatattata	tctaattttt	gaaggttgta	60
ttttctccct	tgttttaatt	ttctgcanat	acttttttct	tttttacttt	ccccaattag	120
tttgtttctg	actttcttcc	tcaatctctc	ctgaaccatt	gtttnttttt	aagatcagag	180
cagattctta	ggaactttta	aaactgtatg	tgggtgggat	tgtcacctan	agtgcctttt	240
tggagagtaa	ttggatggng	tgataattaa	ttttatgtgt	caatttgaca	gggtcttggg	300
gtgtccagtt	atttggttaa	acattatttc	tgggtgtgcc	taaaagggtg	tcccgcgtac	360
c						361

<210> 27
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 27

acctgttctt	ggagccaatg	tgactgcttt	cattgaatca	cagaatggga	catacagaag	60
ttttggaact	tttgataat	ggtgcaggcg	ctgattcttt	caagaatgat	ggagtctact	120

ccaggatattt	tacagcatat	acagaaaatg	gcagatatag	cttaaaagt	cgggctcatg	180
gaggagcaaa	cactgccagg	ctaaaattac	ggcctccact	gaatagagcc	gcgtacatac	240
caagctgggt	agtgaacggg	gaaattgaag	caaaccgccc	aagacctgaa	attgatgagg	300
atactcagac	caccttgagg	gatttcagcc	gaacagcatc	ccgaggtgca	tttgtggtat	360
cacaaagtcc	caaacctttc	cttgccctgac	caatacccac	caagtcaaat	cacagacctt	420
gatgccacaa	gtcattagga	taaaatattc	ttacatggan	gcccangaaa	taattttgat	480
gttngnaaag	ntcacgtn	ntataanaat	aaggccagtt	ttttgactaa	aaaaagtttg	540
aagagctttc	aagaaancta	tgatttgnc	caaggggccc	tccaggaagn	ttgttttacc	600
caaaattttt	a					611

<210> 28
 <211> 443
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(443)
 <223> n = A,T,C or G

<400> 28						
cgtgccccaaa	gcttggcaag	ttttcggtt	taaccacgca	caccaccacc	accaccatnc	60
taaataactt	actgcatcct	caaagcctgt	tttatgggga	ttgcatgggt	ttatttgaaa	120
tcacgcctgt	aatcccanca	ctttgggagg	ccaaggcagg	cagatcacaa	ggtcaggaga	180
tcgagaccaa	tctggctaca	cggtgaaacc	ctgtctctat	taaaaaaaaat	acaaaacaat	240
tagccaggca	tggtggcagg	cgctgttagt	cccantact	cgggaggctg	angcaagana	300
atggcgtaaa	acttgagggc	ggagcttgca	atgagccgag	atcgcaactg	ctgcacttna	360
acctgggcaa	caaaacgaga	cttcatntct	nttttnnaaa	nnnaannnnn	nnnnnnnnng	420
tcctttggcc	cgaccacnct	tan				443

<210> 29
 <211> 403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(403)
 <223> n = A,T,C or G

<400> 29						
ggtactttttt	tttttttttt	tttttttttg	gagtgcatat	catcacccca	acttcggttt	60
tttacattttt	aatttgatt	gnttttaatt	tattttgagg	caatgtctca	ctatgttgcc	120
caggctgggtc	tcaaatgaaa	acaatgctat	caatcacatt	cttgcatagg	atatgtgtca	180
gtaatcctcc	aaaatgaaca	tganaaatgg	aattgtcaag	tcatagatta	agtgcata	240
acttttgaat	agatagtata	aattttttcc	ccaaatgaga	attttatatt	ctcactggca	300
acatgaaaat	agccatctct	ctataatctt	atcaaccctc	gatagtgtca	ttttttaatt	360
tataattatg	agtgaaaatg	gtcctgcccn	ggcgggcgct	cga		403

<210> 30
 <211> 615
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 30
 ggtacagtgg tagcatccaa atgggcaaac gtagtagcag gggcagggtc agtcaagtca 60
 tcagcaggca catagatagc ctgtactttg taatattctt cccacccttg agaatggact 120
 ttgtaagatc cgccccctgc ccacaaaaaa atttctccta actccactgc ctatcccaaa 180
 cctataagaa ctaatgataa tcccaccacc ctttgctgac tctcttttca aactcagcct 240
 gcctgcgccc aggtgattaa aaagctttat tgctcaccca aagcctgttt ggtgggtctct 300
 tcacacagac gcgcgtgaca gaaaccactt gaagcccggg cgcggtggct caggcctgta 360
 atcccagcac tttgggaggg tgaggtgggt ggattacctg aggtcangag ttcgagacca 420
 gcctgaccaa catggtaaaa ccctgtctct actaaaaatc aaaaaaanta accnngggtg 480
 gtggnnggca cctgtaattc agttcttggg accttangca ngaaaatcct tgaacttgga 540
 ggcgagggtg catanttgaa acaaaccttg nctcaacctg gnaacaaaat aaaaatccgn 600
 tnaaaaaana aaaaa 615

<210> 31
 <211> 485
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(485)
 <223> n = A,T,C or G

<400> 31
 acgcgggggat aagctacaac ataaacacat ctaggttctt gttcttagaa tacagcatga 60
 agaatttgct ttcttctttc ttctaactat tttcatgtga gatccagaaa ggacacattg 120
 tctctggcca ttcgaagaaa gaaagaaaga aagaaaaaaa aggtatttag agacagagag 180
 agaaaaaggc tgaaatgggt tcgctgggtt ctaaaaatcc gcaaaccaaa caagcccaag 240
 ttcttctttt gggacttgac tcagctggga agtctactct cctttataaa ttaaagcttg 300
 ctaaggatat taccaccatc cctacaatag gtttcaatgt ggaaatgac gagttggaaa 360
 ggaatctttc actcacagtc tgggatgttg gaggacagga aaaaatgaga actgtttggg 420
 gctgttctgt gagaaccna tnggctngtg tatgtgtgga cagtccttcg gcccgaaacc 480
 ctan 485

<210> 32
 <211> 780
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(780)
 <223> n = A,T,C or G

<400> 32
 cgaggtacgc ggggtgtctag accttatgtc aaaataagcc caattgtatt aaagagtatt 60
 aaattgtatt aagaataaaa acacatggcc gggcacggtg gctcacgcct gtaatccag 120

cactttggga	ggacgagatg	ggcggattac	aaggtcagga	gattgagacc	atcctggcta	180
acatggtgaa	accccgcttc	tactaaaaat	acaaaaaaaa	aattgtccag	ccgtggtggc	240
aggtgcctct	agtcacca	ctccagagct	gaggcaggag	aatgatgtga	acccgggagg	300
canagcttgn	agtgaagcng	agatctcgcc	actgcactcc	ggcctaggcg	acagagcgag	360
actctgtctc	anaaaaaaaa	aatgantaaa	aaaanaagtc	ctgcccggcc	ggcgntcnaa	420
nggcgaattt	cancacatgg	cngcngttac	tatggatccn	actcgggtcc	anctggcgta	480
atcatggcat	agnttttnt	gtggnaaatg	gtatccgtnc	aantcncna	attcaaccgg	540
agcttaannn	ntaacctggg	gcnatnnnnn	nctacttcat	tattgcntnc	ntatggcgct	600
tncattggaa	ctnttgcnc	gnntatnate	gccncncng	aaagnnttnn	ntgggncctt	660
ctctgttann	atctnnggct	tngttgggag	gntnctntna	gnggntngtt	tnatnggtcc	720
ngnaaatttc	agcctangnc	antnagcctn	ttgnttaate	tccnactnna	aaaaataang	780

<210> 33
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 33

acataccagg	ctgggtagtg	aacgggggaaa	ttgaagcaaa	cccgccaaaga	cctgaaattg	60
atgaggatac	tcagaccacc	ttggaggatt	tcagccgaac	agcatccgga	ggtgcatttg	120
tggtatcaca	agtcccaagc	cttcccttgc	ctgaccaata	cccaccaagt	caaatacacag	180
accttgatgc	cacagttcat	gaggataaga	ttattcttac	atggacagca	ccaggagata	240
attttgatgt	tggaaaagtt	caacgttata	tcataagaat	aagtgcaggt	attcttgatc	300
taagagacag	ttttgatgat	gctcttcaag	taaatctact	gatctgcacc	aaaggaggcc	360
aacttcaagg	aaagctttgc	atttaaccan	aaaatatatta	taagaaaatg	caccacata	420
ttataccatt	aaaagttnga	taaaacantt	tgcctcaaaa	gtttccacca	tggacaagta	480
acttggttat	cctnagcaat	cttgtgcctt	gattactcnn	ctctattcta	tcctgtnaaa	540
gentaatctg	agtaaaaattt	nccctggntt	gtggattggc	tngtnatgta	attntttaag	600
nctggcngac	cnetaggnaa	tnnccctggg	cgttangncc	gtngccantt	gtattngtaa	660
tttctnga	gtnttcnncn	nnntaccngt	aagnatgggn	tnggnnatnn	atnttttncn	720
tnttnatnnn	cntnnannnn	tg				742

<210> 34
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 34

ggtaaatga	ggaataatga	ggaaacaaaa	ccatacatat	aagaggggatg	gcacagacct	60
tgtgacaaag	tggtcctgaa	atttctggag	gggaaatgaa	taagaataac	cgagatagtt	120
atgcttggag	gaagaggaag	atcaaggtgt	cctaacctac	cagaaactaa	gacttatgaa	180
accttagtca	ttaaaatatg	tagtattagt	tcagaaatag	taaataaatc	aatgtaactg	240
aatggaacct	gggaacaaat	atagctacat	gtaagatctg	ggtatatgct	ggaggtgaca	300

taacaaatga	agagaaacaa	tggactattc	aaagctgtgt	tgctatcttt	attggcaaca	360
aatatgggaa	aaaatnaaat	gagatcctat	tcacatgaat	gacaaaaata	aatgccatat	420
tgattaaacc	taaatatgac	aaggaaggcc	tcaaatttta	gaaaaaaatg	ccaaattnta	480
cncattggga	gataattcat	taacaagacc	aanaaccnta	aggaaagatg	ntaatttnga	540
tatattaaga	tttactatgt	ttataaatca	aggatagtcc	cgcttaagan	actttctttt	600
attttttaatt	aatattatta	atatttgana	cttgcttgnt	tnggtgaacc	ggtaatttgg	660
tattnacctt	ctccggttan	gattnnctaa	ncctgtgnt	nngttgnncc	ncncnatttt	720
tntacagttt	ttgcgcgnta	ttncnggnng	ccccnnngn	ngg		763

<210> 35
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 35

acaggggaat	ggaatggaat	ggaatgcaat	ggaatggaat	catccgtaat	ggaattgaaa	60
ggaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	ggaatcaact	cgattgcaat	120
cgaatggaat	ggaattgaac	taacccgaat	agaatcgaat	ggaatggaat	ggaacggaac	180
ggaatggaat	ggaatggaat	ggaatggaat	ggaatggaat	ggaacggaac	ggaatggaat	240
ggaatggaat	ggaatggaat	ggaatcaacg	cgagtgcagg	ggaatggaat	ggaatggaat	300
gcaatggaat	ggaatcttcc	ggaatggaat	ggaatggaat	ggaatggaat	ggaatgaaat	360
gcaatggatt	caactcgatt	gcaatggaat	ggaatanaat	ggaatggaat	ggaatggagt	420
ggaataattc	naatagaatg	gaatggaatg	gaatggaacg	gaatggaccg	gatggaacca	480
attgtaattg	aatggaattg	atggaatgga	atggaatcac	cctagtcaan	ggaatgtatg	540
gaccggattc	aatgaatgga	tattccgnat	ggatggatgg	gaatgaattg	atgattggat	600
ggatggatca	ccatccatga	agattgatga	tggatgatgc	cacccatgat	gattatgnat	660
tagngtnata	tctncatnna	ggatgntnnc	attatgngnt	gatgacatga	ntannccnnc	720
nctttnancn	tattttttttg	ggneccctc	ccagttgntt	taaannn		767

<210> 36
 <211> 608
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 36

acatatagtc	aacgaaatat	tcaaagaata	actttatata	ctcttgttct	ttaaattcta	60
tcctctcttt	cagaattctt	ccatttaagt	ttgggtattt	tcctagtctt	aacagatgaa	120
cagaagactt	cattgaacat	tttgacagta	agctactaga	gaccaattat	caactggtgc	180
tacacatgct	gtgttatctc	ccttactatt	aaactataac	cctctcttgc	tattttgttt	240
catgcatcac	caaccaaact	tcattttttc	taataaaaaa	taaatatata	aagaagacac	300
tgacaggcat	atattcacia	gatctcaact	tcttaaaaca	taagtatggg	tatatatttt	360
tctctcaaat	gcatacnaga	caataattac	ncagcaacca	atcttttgtt	caacaatgat	420
ttgantcata	agcatttgga	aattacataa	tttcatatca	atanccctgt	tttttnaata	480

cagaagtaaa	aaanccccc	aa	taaccaatct	taaatttcna	ttatccctt	acctccaacc	540
tttnaaaggt	cccaccgggc	cttttccnac	attaatttgg	tnaaactggg	gttnaaaacc		600
gcctnccn							608

<210> 37
 <211> 245
 <212> DNA
 <213> Homo sapiens

<400> 37							
acagacatgg	cggcggtttt	tcggaaggcg	gctaagtccc	ggcagcggga	acacagagag		60
cgaagccagc	ctggctttcg	aaaacatctg	ggcctgctgg	agaaaaagaa	agattacaaa		120
cttcgtgcag	atgactaccg	taaaaaacia	gaatacctca	aagctcttcg	gaagaaggct		180
cttgaaaaaa	atccagatga	attctactac	aaaatgactc	gggttaaact	ccaggatgga		240
gtacc							245

<210> 38
 <211> 630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (630)
 <223> n = A,T,C or G

<400> 38							
actacactga	attcaccccc	actgaaaaag	atgagtatgc	ctgccgtgtg	aaccatgtga		60
ctttgtcaca	gccaagata	gttaagtggg	atcgagacat	gtaagcagca	tcatggaggt		120
ttgaagatgc	cgcatttgga	ttggatgaat	tccaaattct	gcttgcttgc	tttttaatat		180
tgatatgctt	atacacttac	actttatgca	caaaatgtag	ggttataata	atgttaacat		240
ggacatgata	ttctttataa	ttctactttg	agtgtgtctt	ccatgtttga	tgtatctgag		300
caggttgctc	cacaggtagc	tctaggaggg	ctggcaactt	anaggtgggg	agcagagaat		360
tctcttatcc	aacatcaaca	tcttggtcag	atttgaactc	ttcaatctct	ttgcactcaa		420
agcttgttna	gatagtttaa	gccgtgcata	aattnacttc	caaatttaca	tactctgctt		480
anaaatttgg	ggggaaaaat	taaaaaatnt	aattggccag	gatnttggn	atttggtata		540
atgaatgaaa	cattttngna	ttaaaaaatca	nattacttnt	aanctttgat	aaantaaggc		600
atggntgggg	gtaattgggt	tttttgttcc					630

<210> 39
 <211> 626
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (626)
 <223> n = A,T,C or G

<400> 39							
acagtgggtcc	ttttcagagt	tggacttcta	gactcacctg	ttctcactcc	ctgttttaaat		60
tcaaccagc	catgcaatgc	caaataatag	aattgctccc	taccagctga	acagggagga		120
gtctgtgcag	tttctgacac	ttgttggtga	acatggctaa	atacaatggg	tatcgctgag		180

actaagttgt	agaaattaac	aaatgtgctg	cttggttaaa	atggctacac	tcattctgact	240
cattctttat	tctatttttag	ttggtttgta	tcttgccctaa	ggtgcgtagt	ccaactcttg	300
gtattaccct	cctaatagtc	atactagtag	tcatactccc	tgggtgtagt	tattctctaa	360
aagcttttaa	tgtctgcatg	cagccagcca	tcaaatagtg	aatggctctct	ctttggctgg	420
aattacaaaa	ctcaaagaaa	tgtgtcatca	ggagaacatc	ataacccatg	aaggataaaa	480
gccccaaatg	gnggtactga	taataacact	aatgcnttaa	gatttggtca	ccctctcnct	540
aaggaggccc	attgagccna	ngngnctaaa	gcctcact	ccacctgaat	ggttaggaga	600
aaatttatcc	caaaaaaaaaa	aaaaan				626

<210> 40
 <211> 645
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(645)
 <223> n = A,T,C or G

<400> 40						
cgaggtagcg	gggcaggaca	tttaaaaggt	ttcagcagaa	atcttatgat	tatgtctgac	60
ttgcagtatt	ttatttgcct	ctttgacggc	tttttttttt	tttttttttg	agacagagtc	120
tcacactgca	ctccagcctg	ggtgacagag	tgagagactc	cgtctcaaaa	atgaatgaat	180
gaatgaatga	atgaatgaac	aaacgaacaa	ggtgggttaa	tgtcagaaaa	cttcctaagc	240
atgtgtctcc	caaacctttc	atgtttttca	agaagccttt	attacataaa	ggggaataga	300
attaaaaatg	ttctttataa	gaaaaatata	catattttgt	ttcttggccc	cattaaaact	360
aatcagtagt	cctttggcca	aaaaatagtc	aacaaganaa	ctgggtatga	ntccnggcnt	420
tactcctgnt	cataagtng	gatgcntgtg	tctganccna	actgntcaa	ctngagctct	480
tgggggtataa	caanaaaccc	gngttttcat	gaaacccctg	ggcctttata	aaagggttcc	540
cttgggggggc	ccaatgctta	ttntngattn	gggttccaaa	anntngcaat	tggnataggt	600
gcttgaaata	accccttttt	agtnnaattc	cnacccaaaac	cntgn		645

<210> 41
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 41						
acgcggggct	cttcacgagg	tggaaacaag	atggaggatt	cggcctcggc	ctcgtgtctct	60
tctgcagccg	ctactggaac	ctccacctcg	actccagcgg	ccccgacagc	acggaagcag	120
ctggataaag	aacaggttag	aaaggcagtg	gacgctctct	tgacgcattg	caagtccagg	180
aaaaacaatt	atgggttgct	tttgaatgag	aatgaaagtt	tattttttaat	ggtgggtatta	240
tggaaaattc	caagtaaaga	actgagggtc	agattgacct	tgcctcatag	tattcgatca	300
gattcagaag	atatctgttt	atttacgaag	gatgaaccca	attcaactcc	tgaaaagaca	360
gaacaagttt	tatagaaagc	ttttaaacaa	gcatggaatt	aaaaccgggt	ctnaagatat	420
ctcctccaac	tctaaanaan	gaatataaat	cctatgaacc	aagctcgcct	tttaacagtt	480
tgattcttcn	tactgatcca	aaataagcgg	ttttacctcc	ttattgggag	acattnttta	540
aaaaagaaag	tccatntntg	naaccttttt	ccaaaatttn	tcagananac	atgctgnttg	600

<210> 42
 <211> 259
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(259)
 <223> n = A,T,C or G

<400> 42
 ngtacgggtcg gtggcagtgct tattctgaga tctgtagatg cttagaatat cagtatttttg 60
 gatgttgctg cattttacaa tttatttgga gtcttccttn attttcctcc agatatatga 120
 aaatatgcaa tacctgctta tatcatgtag aaaagcttag caattattaa tttttctnta 180
 tttcatttta tttgaccaa gtcgggtgctt cacttgactc antgtgtttt aggtgttngt 240
 nttntacct ttccgggtca 259

<210> 43
 <211> 509
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 43
 acgagtgtat ttttgatggg aaggccatgc taaatctata aaacagatgt ttctctctccc 60
 aacagtgggtc accagtagtt tcaacttttt cccccagta gcatcaacca aacttagcat 120
 agtgattttt aactctttgc tcccacacgc actcatccca acttccccgc ttgccccact 180
 ccctggggggg aaataaccct gccttttaaaa taaatagcaa ccaagtgtct agttctatgg 240
 aaagtatgaa tattttatttc aggctttcga tcccaatcga tttcaaaaaa caaagtctga 300
 tttctctcct cagagcagct gaggcctcca tgttacgatg gtttcatgga gattgaagga 360
 gcacatttca tcaggcttag cacaaagtcc ctgatgccca ccatgtccca gccttagnaa 420
 aggaaagaaa cagaattcac caccatgggg ctgaacgaat gccacaccta atgtaaata 480
 ncagctaacc ttggccaaat tgtgggttt 509

<210> 44
 <211> 544
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 44
 ttttttaaaa gtgtcactna ntctttaann anatncatta ccattttttt tncaaantaa 60
 attacggttt taaanggaan acacatggna atntananaa ncaccgnnga annttaanta 120

cctngggngc	gancanactn	angggcgaatt	cgaaccaatg	ggggcngnaa	cnagggggatc	180
ccagctnngt	accaaattg	gcgtnatgat	cgcaatagcg	gtacctgtgn	naaanggtta	240
ttcnnngta	aaancagann	tctnnnaagn	nngacaaaa	aangtaaate	ctgggggtgcc	300
taatgannga	tntaaancna	ttaattgggn	tgcccacctg	cnantttatc	gttcaaaaac	360
ccgttaaactn	ngtgnaaaaa	tgaatngcca	accctnngga	aaagccgnat	cntttggng	420
cttttccctt	ttggctcctna	cncttcctan	nngnnngttt	gggnncgnt	nagttcntaa	480
aggcgnaaaa	catttacaaa	aataggggaa	ancccgaaaa	acattttacc	nagccacctt	540
ntcn						544

<210> 45
 <211> 630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 45						
ggtactctct	atcactgaca	aatgcaggct	ggattcttat	tatatacaga	gatgggtcaa	60
aaatgggggt	tcagatcttt	gtgacgaaat	agaatactgt	ttcatatttg	aatcagaggg	120
cttcttggtc	tgagaaatag	gttcaaaaatc	attggaacca	ggaacaagaa	tagcttattg	180
ttatctgtga	taacactgtt	ttctaaacac	aaggattttc	ttttttatta	atatgcaaca	240
tagacattgc	cataacagaa	taataaacca	catgtggggt	tttaaaaatg	aaatttggct	300
aataggagca	attcagctat	ttttctatca	agaaattggg	tgggggtggga	tagaaagaaa	360
aaccgggttc	aacccactt	ctgcccccta	accagctata	tggcctggat	ggagcattca	420
acctttaata	agggtcaatt	tentctgttn	aaaagacccc	aaacctggaa	atcacnttng	480
cctctccctg	aaaataanaa	ggctngattt	ttggaataan	aaacataatg	nanctnngc	540
ccaatggctc	gccccgtaat	ccaccctttg	gaggccangc	ggncggacac	ttgaggtagg	600
agttgaacca	cccgccacct	gggaaccenn				630

<210> 46
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 46						
tttttgactc	ccaaagtcat	tttattttaac	aaaggggtca	aggcagagga	aagtttccct	60
taatatcccc	acaactgctc	cacatgtctt	ctgtggaaac	acttcaccag	gaactagctc	120
aacactcttg	ctaacaattt	agtgtctata	caggaaggct	ggtgtctctg	ttacaggtgg	180
cccgttcctt	aaagccttta	gggttaatcg	cagctgcact	gagtggccaa	gcagaccctg	240
ttgggatgtg	aaagcagttt	gttaacaggg	cccctggccg	ggcccagagg	ctgtcagact	300
cancaagtaa	cactgaatgt	ccaaaaatac	ggctgtgtta	aactaacaag	ccaatccttc	360
tgctcagatc	tctggataga	aatgattttt	cttttatcta	tgggggaatg	caatttcac	420
acaaccctt	acataaacgc	tcttgaaacc	ctttcagtag	acagcatttc	aattcaaaaa	480
ccaaaagtga	aactatcttt	gaaaacangg	acctggctgg	gaaaccatgc	acacctcggc	540
gaacactttt	ccccccacg	aacttggact	ttntgggaag	gtggcggtt	tttggcnaaa	600

<210> 47
 <211> 253
 <212> DNA
 <213> Homo sapiens

<400> 47
 ggtacttttg tttgaaaaca acacttagag cctccagata acttttaaga cttatttagc 60
 tttgtgggtg gtattttcat gcaaataagt aagggtgggt tttatatttt gtagaagttt 120
 tcggctctat tttaatgctc tttgtatggc agtatgtata tattgtgtta agttcctcaa 180
 gaatctcctt aaaaactttg aagttaatac ttttgtgcaa ctgtgttttg aataaagcca 240
 tgacagtgtt aaa 253

<210> 48
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 48
 acttacatat cctacatttg actacattat ttccaaacca agtattccat ccaaaggaac 60
 atactgctat catagagacc aaggagggac tgtttaaagt tgccaagggtg aagcgagctg 120
 agaggctttg tcctcgtgcc agtaactctg aaatttctct taattcctgc tgtccaggca 180
 gcagaatgcc atggtttccc caagtaggta gctgctttag cagttaaagc ccaaatgtct 240
 gttctgttga tcaagaggtc tctgaatttc tgaagtgggt tttcgtttct ggtgactgag 300
 ttaatccttt acaatncctc ttgtaaagtg tgctaataga aagaatccac ctttcaaagc 360
 tgcagaacca naccgtgccc taaattgacc aaccgtanct gatgtgcctn angaagtctt 420
 ttgccaaactg ccctgtgaan acccctnctt cccccagct ngtggcttgc acactgaaca 480
 tttaaactgn gcaaagccgt gtagttataa nacagtaaat cccaaggctt ggttaantgc 540
 tgggnnaaaa ctggttggat anacttaact taaaaccctt tacataaacn tnggaactcn 600
 aagaaaa 607

<210> 49
 <211> 421
 <212> DNA
 <213> Homo sapiens

<400> 49
 ggtaccactg gatgaggggc cgggacatac tgactgcccc tttgacccca caagaatcta 60
 tgatacagcc ttggctctct ggatcccttc tttgctcatg tctgcagggg aggctgctct 120
 atctggttac tgctgtgtgg ctgcactcac tctacgtgga gttgggccct gcaggaagga 180
 cggacttcag gggcagctag aggaaatgac agagcttgaa tctcctaaat gtaaaaggca 240
 ggaaaatgag cagctactgg atcaaaatca agaaatccgg gcatcacaga gaagtgggt 300
 ttaggacagg tgctgttccc gagactcagt cctaaagggt ttttttccca ctaagcaagg 360
 ggccctgacc tcgggatgag ataacaaatt gtaataaaaag taacttctct tttctttcaa 420
 a 421

<210> 50

<211> 624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 50

ggtacttcag	tattgcattc	tattcctctt	aatgttttta	tgggatctcc	agggaaagag	60
gaaaatgaaa	accgtgatct	aacagctgag	tctaagaaaa	tatatatggg	aaaacaggaa	120
tctaaagact	ccttcaaaca	gttagcaaag	ttggtcacat	ctgggtgctga	aagtggaaat	180
ctaaatacct	ctccatcatc	taaccaaaca	agaaattctg	agaaatttga	aaagccagag	240
aatgaaattg	aagcccagtt	gatatgtgaa	cccccaatca	atggatcctc	aactccaaat	300
caaagatag	catcttctgt	cactgctgga	gttgccagtt	cactctcaga	aaaaatagcc	360
gacagcattg	gaaataaccg	gcaaaatgca	ccattgactt	ccattcaaata	tcgtttattc	420
aaacatgatc	aagaaacggt	ggatgacttt	aaaaaanatg	ccntaaggac	anttgtgatt	480
tgcaggtggg	aagatnaaca	gttcatatcc	actgaatgaa	atgcatcttg	tggaaganct	540
catgnatnaa	ggttaatggc	tgaaatgaaa	actccaaaag	aaaccaaaaa	ataccggccc	600
ctttgaaatt	caggganncc	tatg				624

<210> 51
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(632)
 <223> n = A,T,C or G

<400> 51

ggtacgcggg	ggaaacggaa	gtgagcggcg	gggtcgactg	acggtaacgg	ggcagagagg	60
ctgttcgcag	agctgcggaa	gatgaatgcc	agaggacttg	gatctgagct	aaaggacagt	120
attccagtta	ctgaactttc	agcaagtggg	ccttttgaaa	gtcatgatct	tcttcggaaa	180
ggtttttctt	gtgtgaaaaa	tgaacttttg	cctagtcac	cccttgaatt	atcaagaaaa	240
aaatttccag	ctcaaccnaa	gataaaatga	atTTTTTccc	cctgaagaaa	cattcagggc	300
tatttttgctt	cccttaaaat	accagaatgg	gattcaaggg	cagtgccacc	aggtcaaccg	360
ctttcatttc	tttcaagcct	caaactcttc	acttgaatgt	ttgaagggta	atggatgaag	420
acctattgga	attgagggat	atctttaatg	atccgcccc	aaccgaatcc	ttggaaaagc	480
cacccttgat	ggtggaatat	aaccttggtt	actgaatatg	tgccctgtcat	ggaaccgagg	540
cgcacatctg	ttatagcatc	tttgacctgc	cggccgcccc	aaaggcgaat	ccacnccctgc	600
ggccgttcta	tggaccaact	cggnccaact	gn			632

<210> 52
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)

<223> n = A,T,C or G

<400> 52

acttttaatg	gtgggaattt	acagtagaag	catcctttgc	tgagttatac	attcctttat	60
caatctcttt	tgatacaaca	tttaaaacaa	gtagcttcaa	gaaaccactg	gtgttttgag	120
gatagtattt	ctaaatagca	ttcaggaaca	gagtattatt	gcacagatct	gaagatcaaa	180
aaaaagctca	aggaaataca	gatcgggaag	gctgatgagt	tatatattat	gaaaacccaa	240
cttttaagga	agtgctaaga	tcagtcaccc	atgtgaataa	gaagccagga	aaggaaagat	300
ggggaaagcc	canatcacca	ggcttctatt	aaggaggaaa	gcaacagang	aaacagtga	360
agggaaacaga	aaggggtagc	caagtgttac	aaaaaanccg	actggataac	caaactncaa	420
aaagngtatg	ttggggagaa	ctgaaangga	aaacaaaata	cttgactaat	cnaagtaga	480
aaaaagcagn	tagagaaaac	caaataattc	tggncctgtc	acatacaact	tcaaataccc	540
ttatanaatc	caaaaatgat	gtgtgtaagg	naaaatttat	tgccntccga	aaaataantt	600
tnccaatnt	gaaacaaatc	aac				623

<210> 53

<211> 627

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 53

ggtacgcggg	gtcgcattgc	ctgtggctaa	tgccgtaggc	tcttttcaggg	ctgagccatc	60
ctgcgtgtct	tgcgctcggt	ggaaatgccc	agccgagggg	cgcgaccaga	ggacagctct	120
gtgctgatcc	ccaccgacaa	ttcgacccca	cacaaggagg	atctaagcag	caagattaaa	180
gaacaaaaaa	ttgtgggtgga	tgaactttct	aaccttaaga	agaataggaa	agtatatagg	240
caacaacaga	acagcaatat	attctttctt	gcagaccgaa	cagaaatgct	gtctgagagc	300
aagaatatat	tggatgaact	gaaaaaagaa	taccaagaaa	tagaaaactt	agacaagacc	360
aaaatcaaga	aatagtcaac	ctgatttcac	ataacaatgt	gtggcatttg	ttgttctgta	420
aacttttctg	ctgagcattt	cagtcaagat	ttaaaagagg	acttactata	taatcttaaa	480
cagcggggac	ccaatagtag	taaacaattg	gtaaagtctg	atgttaacta	ccagtgnnta	540
ttttctgntc	acgtnctaca	cttgangggg	gtttgactac	ccancctgtg	gaagaagaaa	600
gaagcaatgn	ggttctatgg	atggaga				627

<210> 54

<211> 565

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(565)

<223> n = A,T,C or G

<400> 54

ttttccttga	gtgctccctt	ttatgtcatt	ttattttctt	ttatgcagac	cagtgggggg	60
aaaatcccat	agattcttct	ggaaactgtc	aagatgctgg	gaagatgaat	gcaaaactta	120
catagattgg	gatgtccaca	gtttggattt	tcaaggtagt	gcttttgcag	gatgacgtga	180
tcaacccaaa	cttctgcttg	atctggtttg	tctgaactc	ctgccacttg	ccgccaacca	240

gggcctctgc	tctgatctca	tacttcacca	ggcgtgccgn	tgcaggetg	acgtgggtgt	300
gctcgtagac	cgcagaggga	gattccaggt	ctgtgtgctt	tattctctgc	atgtaaaaac	360
tataagaggt	agtatcatgt	ttgagtcctt	ttatcttaaa	gaagaatcca	tatagagcaa	420
tctgttttcga	ataagttgna	ttctctgngt	ctggcactgt	gtccagtgtc	ctcanaggat	480
gcangggaga	anaccaaaaa	gtntctgagc	agtctcacat	gggaaataaa	atgtgtcccc	540
ggtaccttgg	ccngaacac	nctaa				565

<210> 55
 <211> 451
 <212> DNA
 <213> Homo sapiens

<400> 55						
acagagatga	caagagaaaag	gcacaaatga	ccggagtcag	ggatttgtgt	gagggctcca	60
catgaagaca	gcatgttgga	ggagaccaag	ttgggaagg	tgacatgtca	tacatcaaaa	120
gttgccccaa	gatagcaggt	tataatgggc	tagagagaaa	ttagagggaa	catctcttcc	180
ttcacttgaa	caacaccaa	aatagaagac	cagagaatag	aaggatggtg	acaaatccca	240
aaaaggaaat	ggaggaggag	ttcgtggaag	ggcagaaaca	ctttaatcct	agagggaggg	300
tgaggcactg	ttgaaaagag	aagcaaactt	tggcaggggt	ggccattctg	ccttgctgag	360
tcatgggctg	agatacgga	gtcactttca	atcattttct	acttctccca	gggcactcag	420
acaaaatcag	tgcaaggtat	atggaagtac	c			451

<210> 56
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 56						
ggtacgcggg	gcttccgaga	cgcactgggg	gccggatgta	gaatcctgct	tatctgtgaa	60
atgcagttaa	cacatcagct	ggacctattt	cccgaatgca	gggtaaccct	tctgttattt	120
aaagatgtaa	aaaatgcggg	agacttgaga	agaaaggcca	tggaaggcac	catcgatgga	180
tactgataa	atcctacagt	gtttcactct	tgttgcccag	gctggagtgc	aatggcgcca	240
tcttggtcca	cggcaacctc	tgctcccg	gttcaagcaa	ttgtcctgcc	tcagcctcct	300
gagttgctgg	gattacagat	tgttgatcca	tttcagatac	ttgtggcagc	aaacaaagca	360
gttcacctct	acaaactggg	aaaaatgaag	acaagaactc	tatctactga	aattattttc	420
aacctttccc	caaataacaa	tatttcagag	ctttgaaaaa	atttggtatc	tcaacaaatg	480
acacttcaat	tctaantgnt	tacattgaan	aaggagagaa	acnataaatc	angaatacct	540
aatatcttca	gtngaanggc	atcaagggtc	tcttgaaaac	ttnccggaat	aatgaatntn	600
ccnaagtcca	aanattttt	aac				623

<210> 57
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)

<223> n = A,T,C or G

<400> 57

cgaggtactt	tttttttttg	tttttttttt	tttggtttct	gtcctttaat	tttttaacag	60
aatatacaga	gccacacaat	acgatttcaa	tttcaaatta	tgggagatca	tattcaaata	120
tgcttaggtt	tgacaagttg	ctgttacaat	actgagaact	tccatgaaaa	cggtatttaa	180
caatttttaa	gataatcaaa	tatctttttg	ctacgtgggc	caacgcatta	atactaactt	240
gtttaaaaat	gcagtctttt	agacttcaaa	ttattataaa	acaatatcaa	gatcatatag	300
atatacttcc	tgattactca	aaactcgttc	cattctgatg	gaggctgaag	gtaaattgta	360
ttatacatta	gaacatttca	tgaaccact	tctcctttgc	acttacctgt	aaaagtcaaa	420
aattaaacca	caatttctta	agacataact	atttctagaa	tacattgggtg	taatcataaa	480
agactacnag	taaattatca	tttttatcta	acacttttta	ccacacacat	ctttcctaaa	540
aggaccnaaa	aaaattggga	atttggattc	cttacataac	aggactcata	cttctgattt	600
aataaattnc	actcttttca	ag				622

<210> 58

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(471)

<223> n = A,T,C or G

<400> 58

gggtacttttt	ttttgtttgt	tttctagact	taataaaagc	ttaggattaa	ttagaagaag	60
caatctagtt	aaatttccca	tttgtatttt	atcttcttga	atactttttt	catagttatt	120
tgtttaaaaa	gatttaaaaa	tcattgcact	ttggtcagaa	aaataataaa	tatatcttat	180
aaatgtttga	ttcccttcct	tgctattttt	attcagtaga	tttttgtttg	gcatcatggt	240
gaagcaccgg	aaagataaat	gattttttaa	aggctataga	gtccaaagga	atattctttt	300
acaccaattc	ttccttttaa	aatctctgag	gaatttggtt	tgcgccttact	tttttttctt	360
ctgtcacaa	gctaagtgg	atccgaggtt	cttaatatga	gattttaa	cttaaaatgn	420
ttcttatttt	cagcacttac	atcatttggt	acctgcctngg	cggccgntcg	a	471

<210> 59

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 59

ggtacatata	caatcactca	actggaacaa	tcaaaaccat	ctatgagtgt	ggttattaaa	60
aaataaaaatt	acgttcatac	aatggtagaa	aatgaaatgt	ttttattaat	ttgattatta	120
atacaaaacc	acacatatata	gaattatata	acctagtgtt	atatatttaa	aaatctttat	180
gcttgcaact	gaaatgtctc	tactccaagg	gaagtttctg	atttttaatt	ttcttatttt	240
aaggaatcta	ttatattcac	aatgattaaa	atgccttaca	cataggcaaa	aagcagaccc	300
aatcccagca	aacagaaaaa	ccataagtct	atcatatcac	catatgtttc	accatatagt	360
tttgaaaaat	aatcctattt	gcagtttggt	atgtcttcat	atttataact	attatcaaa	420

tgattgcata	ttgaggcaca	gagcttaaag	aggaaatata	tattacttat	aggggaacca	480
gacactgaaa	caaggaatat	caatcaatgg	cttcaaacna	aaaaaaaaann	nnnnnnnnnn	540
nnnnnnnggaa	aaggaaaagt	cctgncccg	cggncgttca	aagggcnaat	tcaaccactg	600
ggggccgtac	ttatggac					618

<210> 60
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 60

acttttttaa	ccctcccaac	cagccctttc	tcaatattca	tcaaactctaa	aacatttagg	60
gggcaaaatt	ctaacatggt	catggatatc	tgcaaatagt	aaaagcttta	ttctgaagga	120
ttataaacta	gttttctcca	ttttaactag	cactattttg	tggaaattag	aaacctcttt	180
tattttctct	cccaaaagta	atacttatta	taaggctgta	gtatcagggt	aaggatacag	240
ataaataaag	ttcacttata	tcttcttaca	aatgtctggg	ttttaatatg	gttaatcact	300
tatatacaaa	tattacaact	ttttagtga	agtttttgga	agaaaacttt	ttgataaaac	360
actgtgattg	atgtgacttt	attttttaatt	taaacgatga	gggtggccaga	agaaagatgg	420
gtctaaaatt	tctcccatga	aagatgtaaa	actatggcct	ttttaaaatc	aaaatttcat	480
ctttaaaata	atgggttgaa	atctggatng	gatctgaaca	gaataatcac	atttaggatc	540
tatataaatc	tcaactggag	tntaactgaa	ggaaataccn	ngatttttaag	aaatatnttc	600
aaaaan						606

<210> 61
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 61

ggtacattct	ggtatgaaaa	catctcaaaa	tgtaacaaca	caagagtttg	ggtcaagacg	60
acccacccag	gaggctgtaa	aaactggttt	gaactagaac	tgtggaatgg	aactagttta	120
aaatatgaag	cagctctaaa	caccaagctt	agagacattt	gccctattag	aaaacaaaaa	180
tcattaaagc	tacaaaataa	caagtgcata	catgctgaac	ctgtttccag	ggagtgcacat	240
tcccttctgc	caacagggtc	caaactcaca	cccacaaggt	gtaactctct	ttcctgttcc	300
actagatttc	ctttctctca	tctcaaaggt	cctcagaaat	gacaatggaa	aacgtatgaa	360
ttgttgaaat	ttaccctgtg	gaccaattcc	tgaagagata	acagccacaa	ctctgagatg	420
attaagacat	gcagtgttta	cttgatgact	ttctgnattt	ctagaaaccc	tcaaagcatt	480
aaactgncta	tttcaaaatc	taaacttntc	agcactttta	ttatttgagg	taagcnnacc	540
gaagacaatt	tactggccca	caggaataac	cacgcttact	tgtcaccata	agtttacggn	600
atggacattc	actggaaaac					620

<210> 62
 <211> 614

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(614)
<223> n = A,T,C or G

<400> 62

gccgaggtag	ataaatctgt	gatcccattt	cttattgcac	cattcaggaa	cactttatat	60
aaatgagtgg	cttttttattt	catattatta	gtagtatcat	ggttccatta	caggcctatt	120
aacatcatat	attgtcatta	gtctttgaag	aaaaaatatg	taaatatata	tgtgtaacat	180
gagaatttct	ctctaaagca	gggcttaaaa	ttttttggaa	aagtttgaca	aagcatacca	240
catgaattca	gattttacctc	aatgctaaga	attatgttta	gttaggaaaa	aggaaagtca	300
ttttgacctc	aggtagaaaa	atagattgct	ttgagtttta	tgtagcttta	gacttttaaaa	360
agttagaatt	tattctgtaa	ctaaaaatta	tttgaaaaaa	ttatgcctct	ggtttaatta	420
ttggtgatta	cacactcttt	ctcttaccct	tgngtattga	actatgtcca	taatcaagtt	480
gatgtggatc	ctgaaaaatg	gtatgaacat	ctgatgggat	tggcacatta	ttttaaaant	540
agcatctgac	acttcaaaac	tgtcantgng	atggggttcac	cataccacgg	ntgacctnac	600
attaaatttt	nacn					614

<210> 63
<211> 616
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

<400> 63

ggtacatata	agagtaatta	gtttttattct	ctcttttttta	taaaatcggg	tttcagatga	60
gatgtttatc	ttagactatt	ttagggaaaa	atttttacatg	tttgagatgg	tggagtaaaa	120
agactgttaa	acattttctt	taaaaaatta	ttttttacatt	acaacaatat	atttatgatg	180
tgttcagatc	aaaaatttaa	cttctgtgtc	ccagatctac	tttcaaagtg	agattttcac	240
ttgtcagctt	aaattttctga	ctagaactaa	catttgtgta	tttttgtgct	tagtcggaat	300
acaaatttca	cagtggattt	ttgaagtgtg	tccttaaatt	ggataaaaac	aagtgattaa	360
agttactaaa	gagataaaaa	tggttaatttc	cattttttaa	agtaatttgg	ttgtgtttat	420
agttatttgt	acttcgagtc	tcccttcacc	atttccgacg	gcatctacng	ctcaacattt	480
tttggtaccc	cangctttca	cggacttcac	gtcattattg	gctcaacttt	cctcactatc	540
tacttcatcc	gccactaata	tttcctttac	atccaacatc	ctttgacttt	naagccgccc	600
ctgatnctgc	attttt					616

<210> 64
<211> 612
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(612)
<223> n = A,T,C or G

```

<400> 64
ggtacagata tcattncttg tgtatgccat gacttgaaaa agtttgggaa gctctttanc      60
aatatcagct aanaggatat gaaatcacag gtgatagcag ttgtcattca gtaatttcct      120
acaagcagca ccccaaagga aatatagtc taatctttac tatccacttc taaatttaat      180
gtgaatttca tacatgttat tagttgtttc ctttataatt ttataaaaaat tattcatcgg      240
gagttttaact tccacttcca tgctatcgga tgtgttgggc tccatgcaag aacttggaag      300
aaaaacaggc aggaatgcat ttgcataatg acccagatca tcattttctg caactgagaa      360
ttatatttca tcattgtctc tagaagtctg caattcttta cttttctttg gtgcattatt      420
atctangtgc ccatcactgg ataatgtgga gtgactagag aagtcatnta tcaactggaag      480
gncctgccc nnggggccgtt caaaaggnc antccagcan nctggcgcc gttctaattg      540
gntccaactt ngggncaan cttggngnan tcatggcnta acnngttccn ggggggaaat      600
gntntccctc ac                                          612

```

```

<210> 65
<211> 599
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(599)
<223> n = A,T,C or G

```

```

<400> 65
acaagctaca aaatagcatc tctttcatgg tatgtttgag tgtgtaattt tagtttcttt      60
tctggttgta tttgtggtag tcagatgtgt tggattgatt ccaactggac agagtaagga      120
attccagcat cctcttcctg cttgctcgtg ttacccacac gatcaaacc tcaattctag      180
ttgggggatgc tgtctagccc cacaccatga ctgaagcctt aagcactgtt gcgcctccat      240
gtgctttggg tcagcaaccc cagtgttatt ctaccagagc attgtgggaa ggcagatgta      300
tagtcaggtc ccaacagcaa attgttgggt gtgagagtgc taaagtatag ggggtaaggg      360
aaagagaang atatgaactc ctctgacctt aaccacatc atttaacttt tatgcctact      420
taacaagaga acctggagaa aactatcgna ttcaagagat taatcaaat cagggtttan      480
ccagccatga ccgaaancnc cttccttaac ctcactctgn anggctgnaa naattcannc      540
ctaggatggt taanccagaa cccngatga ttaantgtcc aaccttnatt tncatantn      599

```

```

<210> 66
<211> 611
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(611)
<223> n = A,T,C or G

```

```

<400> 66
ncatgacctt tagtggaaga ttatttggtc atcaaatacc catatccaag tttccatggg      60
gcctgggaat ttcttttcac ttggatagaa agtatatatt aggaaagtcc agttaataag      120
tatttttatt taaaaaaaaa aaaaaaggaa aaaagaatca gcagaagtca agttgtctta      180
agtcttaagg ctttctggat ttcttccttg gaggagggtc ggatcttccc aaggcctggg      240
tcctcgaata ttcttcagat catcaaactt ggagtctttg atttctctcat attccgactc      300
taaagatatt ttattctctt tcagtttttt ttcaagctca ggatccattt tactcttcac      360

```

agcatcatat	cggatttgag	aaaactcacg	aagaccaaaa	gaacctttaa	caatcagcaa	420
caacatgggg	actccatacc	cagagtcttg	gtcttgcgaa	aagcacgcnt	naaccgcggg	480
tgccaacatg	agtgaactct	ttcatcggtt	naaactccaa	cnggcctacg	caaactccca	540
atttacaggt	tangctttta	ccaaacaagt	ncctnngcgg	gacncctag	gggaattcgc	600
cactgggggg	t					611

<210> 67
 <211> 639
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(639)
 <223> n = A,T,C or G

<400> 67						
nagaattcgn	gcttncnagc	ggtcgnccgg	gcaggtacac	tttactttaa	aactattaac	60
agtttttcat	gttgactggg	tggtaathtt	gaacttggaa	ttactgggtg	ggaattccag	120
gaaccacaga	gtattgattt	ttgctgccaa	aatgctcttg	aagcagatgt	ccctgtgctc	180
ccctggctgc	ttctggctga	aggggggagg	tgtagactga	agcttgggca	ctcatgtgtg	240
tcccctccca	gtccccatcc	tagtggggcc	agtctcatta	ggcagccata	gataagcctg	300
gaacttgggt	gcattagtga	cttgatcctg	gtatgaaatg	catactgggt	ataaagntgc	360
tcaagnattt	tatttccttg	gccacaactt	ccatagatgc	caatggtttg	atagcctcag	420
tttctnaacg	atgtcttttg	gttacagtgc	tcacttantg	ngagtcaaga	aatgcttgag	480
ttaccagaaa	cttcttantc	aggttgagta	acnttttacn	ttcatngta	nctnnggcgc	540
gaacaccctt	anggggaatt	ccacacactt	ggngggccgta	ctaanggatc	caacttgggn	600
ccaacttggg	ggaaaaaang	cnaantgggt	ccttngnaa			639

<210> 68
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 68						
tcgaccggcc	gcccggccng	gnccttcccc	atcactnnac	tggnacnatc	aaaaccntct	60
atgantgngg	gtattaaaaa	ataaaattac	gttcatacna	tggtagaaaa	tgaaatgntt	120
ttattaattt	gattattaat	acaaaaccac	acatatatga	attatataac	ctagtgnat	180
atatttaaaa	atctttatgc	ttgcaactga	aatgtctcta	ctccaaggga	agtttctgat	240
ttttaatttt	cttattttta	ggaatctatt	atattcacia	tgattaaaaat	gccttacaca	300
taggcnaaaa	gcagacccaa	tcccagcaaa	cagaaaaacc	ntaagtctat	catatcacca	360
tatgtttcac	cntatagttt	tgaaaaataa	tcctatttgc	agtttggnat	gncttcatat	420
ttatacttat	tatccaagtg	atgcntattg	angnccnaag	ctttaagang	gaattttntt	480
cctatnnggg	accnaccct	tgacccgaat	tcatcaangg	ntttaaccca	aaaaaaaaann	540
aaaaaaaaat	ggnaangggg	ctcccttnaa	anccccccca	acctntttnt	ttaacnagnc	600
tnagcctttc	a					611

<210> 69

<211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 69

accaaagcat	taccgcgatg	gtagagaaca	cactcgatta	aaaatgttaa	gctatctgaa	60
aaataaaatg	tgcaagtctt	caggatggca	caaaacaaag	gtcaatgctt	cttggggcac	120
atttcttaga	gggcttgctg	agtgtgtaaa	tataatcgac	ttttgtttgt	gttacatgac	180
ttctgtgact	tcattgaaaa	tctgcacaat	tcagtttcag	ctctggatta	cttcagttga	240
cctttgtgaa	ggttttttatc	tgtgtagaat	gggtgtttga	cttgttttta	cctattaaat	300
ttttattttc	tttactctg	tattaaaagt	aaaacttact	aaaagaaaag	aagtttgtgt	360
tcacattaaa	tgggttttgt	ttggcttctt	ttaatcaggc	tttctgaaca	ttgagatata	420
ctgaacttag	agctcttcaa	tcctaagaat	ttcatgaaaa	gnctntnact	ttgaacccaa	480
accanaatac	ctcggccgga	caccctaagg	cgaattccag	ccactggcng	gccgtactaa	540
nggatccanc	ttggtnccaa	cttggggnaa	catggcnaac	tggttccggg	gaaatggatc	600
ccnncn						606

<210> 70
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 70

ncgtggncgc	ggccgaggtg	cttttttttt	tttttttttt	tttttttttn	aaaangggta	60
accttaaagg	tttantggcc	ccccaaangn	aacctggggg	taatggcttc	nnatttttaa	120
tttttgga	ttaaaaaat	tacnagtttt	aaatagccna	tggctggnta	tgttttcana	180
aaacatgatt	agactaattc	attaatgggg	gcttcaagct	tttccttatt	ggctccanaa	240
aattcacccn	ccttttgncc	cttcttaaaa	aactggaatg	ttggcatgca	tttgacttca	300
cactctgaag	caacatcctg	acagtcatcc	ncatntactt	caaggaatat	ccgtttggaat	360
actttttcana	aagggaatga	aagaaaggct	tgatcatttt	gcaagggccc	caccacgtgg	420
gcgganaaat	cacttctaca	ggttattacc	tgganngtca	aagntttctg	naaaacanct	480
tgctctcaac	tggtttacca	tttggtgctg	gagctnacia	ccggtttaag	gcccttggn	540
anggtccaag	ncccaanaaa	ctttcccggg	ccttccggng	gccttnaagg	gaatccnccc	600
tgggggcgct	t					611

<210> 71
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)

<223> n = A,T,C or G

<400> 71

nctgggaacn	ccgaaggtgg	aaggccnttt	cataacattt	cttgtggatc	aaaccacggg	60
gacacctttt	ttncatcaa	caggactagc	gtcttgtcag	tcttggtgac	agtgacattg	120
aangtggggg	cccaccggtg	ctcttgggtac	tttcccaaga	ggtcctcatc	ctgagacggt	180
ctctacccat	gtttaaccca	aagagtgcag	gccaggttcc	ttatccttct	gatgaaggat	240
gagagaactc	atrtagaagt	cagagcaaac	tagggtctca	gtattgagaa	acgcacctgc	300
canggaatca	cagagacatc	ggggtgcccc	cgatggcctc	atgaaccatg	cctngacggn	360
attcaggaac	cctgcaaacy	tgctttttga	ctcattggnc	agtgtgaatt	ttacacaagg	420
naaacctggt	cnaaggcatt	ngggaattgc	tccaacnnat	acttcctntt	aggaacccaa	480
ggaancaggt	tcncgaattt	tgaaaactgg	gtntgaagtt	ctttcttctt	ttgggnacaa	540
ggccttaaca	aanancctgn	ggntttccaa	tggncttggc	cccacacc		588

<210> 72

<211> 591

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (591)

<223> n = A,T,C or G

<400> 72

ggtacaaact	tagaagaaaa	ttggaagata	gaaacaagat	agaaaatgaa	aatattgtca	60
agagtttcag	atagaaaatg	aaaaacaagc	taagacaagt	attggagaag	tatagaagat	120
agaaaaatat	aaagccaaaa	attggataaa	atagcactga	aaaaatgagg	aaattattgg	180
taaccaattt	attttaaaag	cccattcaatt	taattttctg	tggtgcagaa	gtagaagggt	240
aaagccttgag	aagatgaggg	tggtttacgta	gaccagaacc	aatttagaag	aatacttgaa	300
gctagaaggg	gaagttgggt	aaaaatcaca	tcaaaaagct	actaaaagga	ctggtgtaat	360
ttaaaaaaaa	ctaaggcaga	aggcttttgg	aagagttaga	agaatttggg	aggccttaaa	420
tatatagctt	tagtttgaaa	aatgtgaagg	actttcgtaa	cggaagtaat	tcaagatcaa	480
gagtaattac	ccacttaatg	gttttgccct	ngacttttgg	gttaagaata	tttttaaact	540
ctngngctnc	cttaattggc	cgnttgncca	ngggttcenn	aaatgggttc	n	591

<210> 73

<211> 581

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (581)

<223> n = A,T,C or G

<400> 73

acgcgggtat	ctgtaatttt	tataattcat	caattctgga	atgctatata	taatatttaa	60
aagacttttt	aaatgtgttt	aatttcatca	tcgtaaaaag	ggatcatctc	agagagaaca	120
gcagtattct	gcgtattttt	aaaaatgctc	tagagtaaca	tttgaagtaa	ttcactgtag	180
tgtatgccag	tcctagaaat	aattttttta	atcttctggt	tctgtttcta	atacactaac	240
caagttttca	aaatatattt	acaaagatgc	atctttaccc	attattttta	aatgattaag	300
gaggatagtt	gcttcaggta	acaagcta	ttttcaaata	ttaggccctt	acagaactat	360

ttagtcaaaa	agtaagata	tcctttaaaa	tatataaccc	aaagctttca	gttaaaccat	420
gatatatcac	aaatactatt	aaaatggtaa	agagaaaatg	caattgcant	taatgatgcc	480
caaatngtaa	aatatngaga	ttcaaaagct	gggnctttat	ttaggnngga	tnccaatgnn	540
aatgatactg	gcctggnttt	acctttacct	tttaaaaaan	a		581

<210> 74
 <211> 599
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(599)
 <223> n = A,T,C or G

<400> 74						
cgaggtaactt	tttccgcaca	tgccctgtgc	ctatctgagt	attgatgcc	tggatgtggc	60
cggagaacag	cagctggatg	tggaaacaaa	cctgttcaag	caacgactag	ataaagatgg	120
catccccgtg	agctcagagg	ctgagcggca	tgagcttggg	aaagtcgagg	tgacggtggt	180
tgaccctgac	tccttggaac	ctgatcgctg	tgagagctgc	tatggtgctg	aggcagaaga	240
tatcaagtgc	tgtaacacct	gtgaagatgt	gcgggaggca	tatcgcccg	anaagctggg	300
ccttcaagaa	cccagatact	attgagcagt	gccggcgaag	agggtttcag	ccagaagatg	360
caggaaccag	aagaatgaag	ctgccangtg	gatggcttcc	ttggaaagtc	aaataaggtg	420
gcccgaact	ttcactttgc	ccttggggaa	ganctttcca	gcantcccat	gtcacntcat	480
tgacttggca	aactttggnc	ttgacaaccn	tnaccatgac	ccactacatc	ancacctgtc	540
atttngggga	ggactttcna	gccttgggaa	acccctngac	cccccaatgg	taattggcc	599

<210> 75
 <211> 594
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 75						
acatcaaatt	ataaatgcaa	aacaggttca	gatttcatct	tttgtgattt	cttttaaata	60
ctattcattt	ttattttaat	gcacagtatt	tcccctatat	tttagtcctt	ccatttcctag	120
agacaaacca	gttatttggg	ggtgggaagt	agctgaagca	aagaaggaaa	agtaataacct	180
ttaacctcac	tagcttcaag	agtagacatt	cttactagct	caattttaat	aattgatttt	240
aaataggaag	aaaagaggat	atattttaaga	tacatagaaa	ttatgatgtg	aagtattcat	300
gagaatctgt	agattccatc	aaaataagta	ggaactcatc	taaaattggt	ggattttaaag	360
aggcactttt	ggttatgatt	caaatatggg	gaatttgaga	aatattcatt	ttgnccactg	420
gatggtcact	attttactaa	aanggnagct	ttttatgggg	ggactgngac	tgagggtctta	480
aagactgaaa	gaagttgggg	ggttcatttt	cngtaccacc	ttcnnggacc	atttggacct	540
ttggccggga	acacccttaa	ggngnaattn	cngnccctgg	gggccgtcta	atgg	594

<210> 76
 <211> 585
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(585)
 <223> n = A,T,C or G

<400> 76

acgcgggggg	cggagtagca	agtggccatg	gggagcctca	gcggtctgcg	cctggtagca	60
ggaagctgtt	ttaggttatg	tgaagagat	gtttcctcat	ctctaaggct	taccagaagc	120
tctgatttga	agagaataaa	tggattttgc	acaaaaccac	aggaaagtcc	cggagctcca	180
tcccgcactt	acaacagagt	gcctttacac	aaacctacgg	attggcagaa	aaagatcctc	240
atatggtcag	gtcgttcaa	aaaggaagat	gaaatcccag	agactgtctc	gttggagatg	300
cttgatgctg	caaagaacaa	gatgcgagt	aagatcagct	atctaataat	tgccctgacg	360
gtggtaggat	gcattcttcat	ggttattgag	ggcaagaagg	ctgcccaga	cacgagactt	420
ttaccaagct	tgaacttana	aaagaaagct	cgtcttgaaa	gangaagcnc	tntgaaggcc	480
aaaacagagt	acanaagttt	ccnngttggc	ttggattttg	aaaattcnng	aattntntat	540
aacgggcttn	tttaaaaagg	atnggnttan	gnacctttnt	taaat		585

<210> 77
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 77

ggtacgcggg	agtcataattt	atgaaaaaag	gtttgtgttt	tactcttgc	agtgagaaag	60
tgggacaaaa	tatacttttg	aaataaaatg	ctatatggca	cctaattatt	ttttctttta	120
aaatgcctta	agttgcagtc	tcattttgat	aatcatttgc	ttccagtgtt	taaaaattaa	180
aaaaagaatg	gggagaagg	tatgagaaga	gcattattaa	gtttccaaat	ttaatttgaa	240
ttccaaattc	acctagcaat	aaaatcta	ttttaaaaag	tatatataa	taaaatgtat	300
aatgatgga	tagatttttg	tattgatttg	caaaatgcag	attatatttg	ataggctata	360
gtatgtagat	attcctttta	ggaatattac	agctgtaaat	tatatgagac	ttgccagtca	420
aatgctattt	ggtttaaaaa	aattattgca	atctcaagtt	aatggaatat	ttttaaatcc	480
cacattcaga	gttaaaacct	ngttttcaat	gggtttttan	tgtggcactt	gnttatagat	540
taatttttaa	taacctgttn	ggaancnggg	ccttttaact	ggtccttggg	g	591

<210> 78
 <211> 252
 <212> DNA
 <213> Homo sapiens

<400> 78

actgagaagt	attttcagtg	attcgaccca	gaccagattt	caacacatgg	ttcccataca	60
ggaaggactg	ctctgcacca	ggctttatcc	aaactttata	cttggcataa	ggtgcaagg	120
aatccagagc	tgtgacgtgc	aaccgaaact	tgtgggtttt	agtgaatttt	ccaaagcagg	180
tccccagcga	caccagcttg	tccccgaaa	tattggcggc	cagcttcata	atcttctcac	240
tcacatagta	cc					252

<210> 79

<211> 571
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(571)
 <223> n = A,T,C or G

<400> 79

gctcgggcaa	gcactttaac	cttttaagcc	caaccagatg	agttgcctgc	agttttggag	60
gccttcagag	catttcacta	gacctctgtc	tgtgtcggtc	cagtgtcttt	agccaagctt	120
tgattaaaga	tgacttcctt	gtttgctcaa	gaaattcgcc	tttctaaaag	acatgaagaa	180
atagtatcac	aaagattaat	gttacttcaa	caaattggaga	ataaattggg	tgatcaacac	240
acagaaaagg	catctcaact	ccaaactggt	gagactgctt	ttaaaaggaa	ccttagtctt	300
ttaaaggata	tagaagcagc	agaaaagtca	ctacagacca	ggattcaccc	acttccacgg	360
cctgaggtgg	tttctcttga	actcgttact	gggcatcagt	agaagaatat	attcccaaatt	420
ngggacaagt	tcttttagga	agacccctta	tccttttgct	ggtgaaaatc	aaaatgaagc	480
nnaaaatccc	ttcaaaatga	ggccaacgan	taactttttt	aaatggcttt	tcaaaaagcc	540
ntgttaatta	ancttnantg	taaaggnttt	t			571

<210> 80
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 80

acctcttctt	gttcgaatgg	gttatccagt	aaaaaagggc	gtgcccattg	caaaggaggg	60
aaatctagaa	cttttaaaga	ttcccaattt	tctgcatttg	actcctgtag	caattaaaaa	120
gcactgtgaa	gcccttaaag	atttttgcac	tgagtggcca	gccgcactgg	acagtgacga	180
gaaatgtgag	aagcattttc	caattgaaat	tgacagcact	gattatgttt	catcaggacc	240
atctgttcgg	aaccccagag	cacgagtagt	agtctcaaga	gtaaagcttt	ccagtttgaa	300
tttagatgat	cacgcaaaga	agaaattaat	taaacttgta	ggagagcgat	actgcaagac	360
cacagatgtg	cttaccatca	aaacagatag	gtgcccttta	aggaggcaga	attaccatta	420
tgccagtgtg	tctactaaca	gtgttatatc	atgagtcttg	gaatactgaa	gaatgggaaa	480
aaagttagac	tgaagccgac	ttggagaatn	tatatgggaa	aatactatca	gaaagaaata	540
tctggnnaacc	cttttccgat	gaaagtgtctg	anaaaatntg	gaattaataa	gaagn	595

<210> 81
 <211> 601
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G

<400> 81

acgcggggga	aaacaagatg	gaggattcgg	cctcggcctc	gctgtcttct	gcagccgcta	60
ctggaaacctc	cacctcgact	ccagcggccc	cgacagcacg	gaagcagctg	gataaagaac	120
aggttagaaa	ggcagtgga	gctctcttga	cgcattgcaa	gtccaggaaa	aacaattatg	180
ggttgctttt	gaatgagaat	gaaagtttat	ttttaatggt	ggtattatgg	aaaattccaa	240
gtaaagaact	gagggtcaga	ttgaccttgc	ctcatagtat	tcgatcagat	tcagaagata	300
tctgtttatt	tacgaaggat	gaacccaatt	caactcctga	aaagacagaa	cagttttata	360
gaaagctttt	aaacaagcat	ggaattaaaa	ccgtttctca	gattatctnc	cttcaaactc	420
taaagaanga	atataaatcc	tatgaagccc	aacttccgnc	ttctgagcag	ttttgaattc	480
ttntttactg	atgccagaat	tangcngntc	ttacccttac	tcattgggag	acattttctat	540
caaagaaaga	aagttcagta	tctgtaaacc	ntttgtccaa	gaatttttca	ggagagatca	600
a						601

<210> 82

<211> 606

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(606)

<223> n = A,T,C or G

<400> 82

cgaggacttt	tgaatatgga	gtagtttaca	gctatttttt	tttcttactg	gtaatcttaa	60
ctaatatgat	tcccttatta	gagagcctct	cactccccc	cccccaaaa	tgtctactat	120
tcatgacagt	aaccaattat	tctggacaaa	ttgcttcttt	ttaatttgag	ctatctgcca	180
tggactttct	aaaatggaaa	cacagcctga	gtgtatctta	gggagagttt	gattgaaaaa	240
atccaaatca	ctatccatat	agatcatgga	tataaagaga	tacctgattt	ttattaaaaa	300
gatacttttt	caaatttaag	agttaatctt	ggaaatttgg	aacaagtaaa	ggggcaagta	360
aaccttttga	tgaatatata	aaggactcat	tgcataaggt	gactatcaaa	ttctgngatg	420
tgnngcttct	taaaaaatatt	ctcagggcct	tggggggcctg	ccanatggta	cctgcccggc	480
ggccgtcaaa	agggcggaatt	ccncacactg	ggggccgtac	taggggggtcc	caacttggac	540
ccaacctggn	gnaaataang	gcataantgg	tcnnggggga	aatggtnncc	gttccattnc	600
cccann						606

<210> 83

<211> 613

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(613)

<223> n = A,T,C or G

<400> 83

gcgtggctcg	gccgaggtac	acgttcgtca	tggcggctgg	ccctggacct	gggtaggggg	60
tccgggttca	gtggaatat	cggcggagat	gggggagcct	ccgcttggt	tctttcacac	120
gggttgcttc	ggaggaatcc	gccgtgcaaa	tctgtccgcc	cccttggcca	ctgatcccc	180
gaagagcttc	tgtcgccgct	ctaggaatac	agacattgaa	gtttgggaca	agatatttat	240
ctaacttctg	tgtcaaaatt	agcgacctgc	tatggcaatg	aagaaagaaa	ctgaatttgt	300
cattttcacc	tgaagaaaaa	tgatagacaa	aaatcaaacc	tgtggtgtag	gacaggattc	360

tgtgccctat	atgatttgc	gattcacata	ctcgaagaat	ggtttgggt	ggaacanttg	420
gaggactatt	tgaattttgc	aaactatctc	ttgnngggtt	tacaccacta	atacttttaa	480
tacttcctta	ctttactatc	tttcttctct	accttactaa	taatttctta	cacattatta	540
agaagaaaga	tgttttgaaa	gaagcctact	ntcataatta	tnggatggtn	caagggaac	600
anggcactnt	ntg					613

<210> 84
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 84

ggtactatct	gctgctggca	aatgggggtg	ctctgggtga	cagggatctg	ctgacccaat	60
gctatgggtt	gttccagtca	atgagttgag	aaggctaaag	ccttgggttc	tatcattctt	120
catcactaca	ttggaccaca	cattggcatt	cagggccttg	acaattoctg	ttactcctgt	180
agattctggg	aagtcatcat	cctcctcagg	caactcctct	ggactaagtt	ctaccaattc	240
aaagccatgt	ttgaggcacc	attcttgagc	tttttgtcgg	tttataccat	cttcagacac	300
tctatcgtag	accaagatca	tcacctcagg	taacctatgt	tttgccagtg	gaagccatga	360
ggagacacta	tcaaggcccg	atttttgtgt	gctgtcaaag	ttaaccacaa	atgcttggac	420
agattctgca	atctctgcag	taaccagaaa	tttgttgggc	acccacata	gattgagtct	480
gctgaaaagt	atttattatc	aatggncccn	ggataaaaact	acacattatt	tgggaagtact	540
ttcncaataa	gaacttntgg	tccaaggtat	ttttggaccn	aanggnctct	tgaaaaaacg	600
gagga						605

<210> 85
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 85

acaggggaatg	aagactcgaa	gaggagatgt	cactttcctg	gaagatgttt	taaatgagat	60
tcaattaagg	atgctacaga	acatggcttc	aattaagaca	actaaagaac	tcaagaaccc	120
acaagagact	gcagagaggg	tcgggctcgc	agcactcatt	attcaggact	tcaaagggtt	180
actcttatct	gactacaagt	tcagctggga	tcgtgttttc	cagagtcgcg	gggacacagg	240
tagagtaaac	tgcanagctg	cctgtctgtg	acttccaagg	ctaggtcata	aaaggagata	300
aagcttcttc	tggctgggtg	ggctgcttgc	tcttgaacct	tcagtctatg	cacgcaacat	360
gcctttccag	ccttctgtgg	ttgtagagtg	natagaaagc	aattggatca	ctatngacag	420
cggggtaaaa	cttgaggaag	caacctccgc	caggnggtac	atggagganc	cctgaannaa	480
aggaanaaaa	gggcacangg	gcttaatcct	gtcttgggaat	gcttnctnt	gcaatggnnc	540
atthcaatgg	ccnagccaat	tatgccatcc	ctgcnttaan	accatgggce	ttcnttgnca	600
ttn						603

<210> 86

<211> 583
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 86

actgtaggta	tttattaata	atagcaatga	agatgaaaga	gtgatgtatc	agagaggtgg	60
agataaaatc	agtaaaactt	agacactaaa	tgatagggga	aggtggagga	gaggaatgag	120
cctagaaaac	ttagaatata	atggttctaa	aattaaccaa	agtaaggga	acaggcatta	180
gagtaggttt	tgcagagaat	gaatgtttta	agacacacac	aggtgtctct	gggacaacca	240
agaaaagtgc	aacaggcaga	tggattgagg	agtctggcta	aagataagga	tttaggaact	300
gctgaattaa	aattacccaa	gcgtgagaag	tgggtgtgtg	attaagagag	aaaaaaaaaa	360
tggaggtctg	aggaatacct	ttaanggatt	aatgaanang	cccaaagggtg	gggggggtgt	420
caggagtgc	ccaaatgtag	aagtcaggga	ataaacttta	aagtnggggt	gtcaaaatgc	480
naatccgaaa	aaaagtnagt	nccttggccg	gaccccctag	gcgaatccac	ccctggngcc	540
gtctanggat	ccacttgnc	aacttgggaa	nntggctnct	ttt		583

<210> 87
 <211> 332
 <212> DNA
 <213> Homo sapiens

<400> 87

acgcgggggc	attgctagaa	gccggcagga	gtgactctcg	gcatggagga	cccatctcct	60
agcacacgtg	cccactgaag	tggcaccaac	agaagtttgg	cttgaactaa	aggacatttt	120
atttttttta	ctttagcaca	taatttgtat	atttgaaaat	aataatatatt	attttaccta	180
ttagattctg	atttgatata	caaaggacta	agatattttc	ttcttgaaga	gacttttcga	240
ttagtcctca	tatatattatc	tactaaaata	gagtgtttac	catgaacagt	gtgttgcttc	300
agactattac	aaagacaact	ggggcaggta	cc			332

<210> 88
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 88

cgaggtacgc	ggggacaacc	agctgactcc	cgtagaggaa	gacactgtgg	aggccagttc	60
tggagctatt	gcagcctcgg	ttgcccggcc	cggaacccga	acccgaaaaa	gttatcgta	120
gaatgtcggg	caaagaccga	attgaaatct	ttccctcgcg	aatggcacag	accatcatga	180
aggctcgttt	aaaggaggca	cagacaggtc	gaaacctcct	gaagaaaaaa	tctgatgcct	240
taactcttcg	atttcgacag	atcctaaaga	agatnataga	gactaaaatg	ttgatgggcc	300
aagtgatgag	agaagctgcc	ttttcactag	ctgaagccaa	gttcacagca	ggtgacttca	360
gcactacagg	tattccaaat	gtcaataaag	ccccagtgaa	gattcnagcn	aagaaagata	420
tgtacnagtg	gtactttgnc	ngtatttgaa	cattccntga	aggactgcng	gttttnactg	480

cttgggttaa	cccaagtggg	gacnnnttgc	ttaaattaaa	gaggaatttt	gccaanent	540
gggacttctg	gnngaattac	ttttttggaa	actttttggn	accttggagn	aa	592

<210> 89
 <211> 630
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(630)
 <223> n = A,T,C or G

<400> 89

acgcgggggt	ctttggggcg	gcgcgaacca	tggccggcat	ggtggacttc	caggatgagg	60
agcaggtcaa	gtcctttttg	gagaacatgg	aggtggagtg	caactaccac	tgctaccacg	120
agaaggaccc	ggacgggttg	tatcggtctg	tggactatth	ggaagggatc	cggagaatt	180
ttgatgaggc	tgccaaggtg	ttgaagttta	actgtgaaga	gaaccagcac	agtgatagct	240
gctacaaact	gggggectac	tatgtgactg	gaaaaggtgg	tctgacccaa	gacctgaaag	300
ctgccccagg	tgctttttga	tggcgtgtga	gaaacctgga	aagaaatcaa	tagcancatg	360
tcacaacgtt	ggccttctgg	cacatgatgg	acagggtaat	gaagatggcn	acctgacttt	420
ggaaaaggca	aggactacta	ccaaaggcct	gngatggngg	ntatctttca	gtgcttnaaa	480
cctaatacat	ttttcttcag	ggggcccaag	ctttccaagg	acatggcctt	gcctgtnaat	540
cttcattaaa	gccttgacct	ggtcatattt	ggccttgcca	tgcaatccat	ttacttggcc	600
ggacacctan	gggaatcacc	actggggcgt				630

<210> 90
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 90

ggtaccactt	cactccagcc	tggcgacaga	gtggaactcc	gtctcaaaaa	ataaaaataaa	60
ataaaaataaa	gcaaaaatat	aaaatgttaa	aaaaaaaaca	aaaaaaggga	aaaaggaagc	120
tgattgcctt	ggtgagtcaa	cactgggtat	tttctgacca	ctatttgaaa	caaaaaagga	180
aaccactgat	attctatgca	aagatctgtt	cctggaaggc	actctgcgga	gacaccagga	240
gaacttttat	caatccttca	ttgatttgaa	gtaaaagtgc	taaagcaatg	gttggtgggt	300
ggcaacccat	tagcagatca	caaaatcact	gtagtgggta	actaaacaag	aggaaacaca	360
agacggcatc	ctgtgtaact	gggggttaagc	attactctct	gaaactcatg	gcatcagttt	420
cctcttaggc	tcttcccaca	aagtataatc	atgttcattt	cagttttaca	tcccttgcag	480
tcccatcgat	ttgtgagaat	atcccaagtc	atncacagng	gagncctggaa	atgggtcntan	540
ttgtcctgcc	cggcngccgt	tcnaanggcg	aattcaacac	actggcngcc	gttctaattgg	600
atccaactcg	naccaacctg	gnngaacatg	gctactgggt	ctggngnaaa	tgn	653

<210> 91
 <211> 657
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

<400> 91
 actttttttt tttttttttt tttttttttt ggagaaaagc ctnactccgt tgcccacggt 60
 ggagtgcagt ggcgtggncat tagcttattg catgcagcct naacctccca ggctnaagca 120
 atnctccnac cttnncgtgc tgnnttnntg gaactacnca tncacnccat tatgcccanc 180
 tngtngttgt naatttaaag tganaccatg cncncagggn gnatggcntt nnntancnan 240
 catgcatgct cagctgtgta gtgcacgcac aggataaatg gaagggggat ttgatcaggg 300
 tttttgtcac atnagcattt naaatccgna ngactgcctt gtgtctgcct ttgnaagggc 360
 ctgggagtat tctgtgtagc ctttgnaaat aagggnaaaa tgngcncctg ccaaagaagt 420
 cnttgctact ntgggtgngt caaaatntcc ctgtaacttg tcaatggncat caagcttggn 480
 gngtntttt ggntcttggn tgtcnttttn acgtctattg nccatgtggt tcctatatga 540
 cacantcctc ntnataatcc ntganaattg ctaanntgcn cttttttttt ttttnanatt 600
 nattttgctn ttaaantagc ttaanncttt ntttatcctn gggcancnca anncaat 657

<210> 92
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 92
 accataaaac cattaaaagc aataaataac tagagtcatg tgagatgttt caaagactgc 60
 tggagggtttc tgtaaaccag ggtaatcaga aatattaccc ttgtagatag ccctctcata 120
 ccagtaaata caaagagtta aaattccaat gccacagtgt aacagttaac aatctatttt 180
 gtaatttttaa atattactac attaattcac cctgagaata cagaggaaac atttaataca 240
 agacattctg atatgntttt ttttccattt gnatttgctt tcttctggnt ttcacagcc 300
 ctttaagggc acagatattt taatttaaag ggtgatttgg atatgctttt ttggtaactg 360
 agatttatgc cacagtcaga tactgggtgat agaaaagccc aaaaaggntt gnagaaaaga 420
 ggcaagcagc aatccccagg cagaaaagac ngaaagtctt gaaaaagaag aggagtaaaa 480
 attttttttaa gctgntcaat gccctgtatt tgggnacaag tacctttatt ttccttttagc 540
 tganggnant cagagtaacc gaattggngn nnnactattt tcnctggnaa ggaaaataga 600
 atttggnaat cccnggaang gtncctngaaa tnnagcccca tccatttggn gng 653

<210> 93
 <211> 640
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(640)
 <223> n = A,T,C or G

<400> 93

acagagaaac	cacaggttgc	cctttccaca	gctggataga	cttatccaaa	acggcaggat	60
ggttctgtat	taatcttttt	ggaaagcatg	tctgtattaa	gattgcaaaa	catacagata	120
gctaccacaa	attaggtcaa	acgactgac	aagttgtaac	atctgtgagg	tcaaattcca	180
aagtgcctag	atacacattt	atacaacaga	ccataagagc	tgaattcttt	acaaatgtct	240
ttatgggcat	gtaaaattga	ctctgcattt	ctgcatgtgt	gcattccata	agagagacca	300
gtctgcactg	agtcataat	actccaactt	gaaaaagtaa	gtgnaacaac	tggntaatca	360
tgcaagtctg	ggtgnaatat	aacaatgact	ggnaaaacat	gaattcttcg	cacagtagta	420
ataggngcac	tnatttaaaa	ccctnccgaa	aaacctgnat	ttgggtgcaan	atctganttt	480
aagnggtagt	aacttgacnt	ttaaaaatag	tttgaacnat	ttanaaaagg	aagccaactt	540
ttacttaaaa	gaatcccaag	tggnaaaaanc	tggntttcaa	tgggaatgaac	tnggtgngac	600
ctncccta	at	nnnaccttga	gcctatnagc	taatntangg		640

<210> 94
 <211> 658
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(658)
 <223> n = A,T,C or G

<400> 94

acgcggggcca	agcttttttt	ttaatttggt	gtttttctccc	atcctttccc	tttaaccctc	60
agtatcaagc	acaaaaattg	atggactgat	aaaagaacta	tcttagaact	cagaagaaga	120
aagaatcaaa	ttcataggat	aagtcaatac	cttaatgggtg	gtagagcctt	tacctgtagc	180
ttgaaagggg	aaagattgga	ggtaagagag	aaaatgaaag	aacacctctg	ggtccttctg	240
tccagttttc	aagcactagt	cttactcagc	tatccattat	agttttgccc	tttaagaaagt	300
catgattaac	ttatgaaaaa	attatttggg	gacaggaatg	tgataccttc	cttggnntttt	360
ttttgcaanc	ctcaaatect	aacttcctgc	cccacaatgg	tgagcagggt	cccttgatac	420
ttcttttctt	taatgattta	actatnaact	tgnataaata	acttataggg	gatagggaaa	480
attcctgaat	tccagaatgc	catctgntaa	aaaagaatnn	aaatgggaag	tnggactnaa	540
aaggagccaa	cagcatgctg	cggtggnngn	cacttctttg	cnctatccca	ggaaggaagg	600
tccccatttg	gaaagggggt	cttnctcact	ggnaccggtt	tgacntnatt	ggnacncc	658

<210> 95
 <211> 392
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(392)
 <223> n = A,T,C or G

<400> 95

actcagactt	gatcgattaa	tgaagtgggt	atthttggcct	ttgcttgata	ttatcaactc	60
actggtaaca	acagtattca	tgctcatcgt	atctgtgttg	gcactgatac	cagaaaccac	120
aacattgaca	gttggtggag	gggtgtttgc	acttgtgaca	gcagtatgct	gtcttgccga	180
cggggccctt	atthaccgga	agcttctgtt	caatcccagc	ggtccttacc	agaaaaagcc	240
tgtgcatgaa	aaaaaaagaa	gttttgtaat	tttatattac	ttnttaagtt	tgataactaag	300
tattaaacat	atthctgnat	tcttccaaaa	aaaanaaant	aatnaantta	naanccttta	360
aanatanaaa	taaaataata	angaccattg	ag			392

<210> 96
 <211> 655
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(655)
 <223> n = A,T,C or G

<400> 96
 ggtacaggtt tttatgtgaa catacatttt cattttctgg gataaatgct caaaagggca 60
 actgttgggt tgtatggtaa acacatatat ttttgtaaga aactacccta ctctttttcc 120
 agagtggctc tactttttac atacagccac tcatacaatt cagacagcaa tgtatgattg 180
 atccagtttc ttcacatcct caccagcatt tgggtattact actatttttt atcttaacca 240
 ttcacataga tgtgtgtaat gataccacat gtggttttaa tttgcatttc caatggctaa 300
 tgatgttgag tatctttttg tgtgctaatt tgccatctat gtatcctctt cggtgaaatg 360
 tcttcatgtc ttttgnctat tttctattta agncatttgg tctttttact attgagtttg 420
 agaggggttt tatatatcct agataaaaat cctctggtan anatgtgggt gcctggaatt 480
 ttaacataac ttctacccan ggaaaataag taaaatttcc acccttgctg gcnagcctta 540
 cttaatnccg gccttaangg tccttctaga gaattaagaa gatttgaggt ttaaatanaa 600
 tcagggcgtt aaaaagtaat cctaaaatcn ggtttaagca agccatatcc tggggg 655

<210> 97
 <211> 224
 <212> DNA
 <213> Homo sapiens

<400> 97
 acaagtttaa ggtaggacgc agcattttat agtgttacgt ccttcctccc cacattcctg 60
 tgagggcgaa caagaacaat tacttgaccc tggaggaaga cgacgccttg tggtcaggga 120
 gagaacagca gttcatgctg gctgcctcgt ctttccaggc ctgctgctgc ccaggcttct 180
 actgaccttg ttaggtctga ttctagaaaa tgaaggcagg tacc 224

<210> 98
 <211> 582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 98
 ggtaccacca tgcttggttt attgttttat ttttttggca gagatgggtc tcaactgtgtt 60
 gccaggctg atctcaaact cctggcctca agcgatcctc ccattctcagc ctcccaaagt 120
 gctgggatta cagacctgag ccaccacacc tgggcaacag agtgaaacct gtccctgttt 180
 tcctgctctt actctcacct ctgaggcctc ctctgcctgg aagagattac agggaaattc 240
 caggcagccc ttgtcaattg tttttatgaa ttctttacct gttcctttta aagacaagga 300
 aactgaggcc caaagttcta agttgtttgg caaatggagt ctcctaccct cagctcctgc 360
 aaggacctgg gggaccccca ggtccagcag ccacatgatt ctgcacagac agggacctag 420

agcacatctg	gatttaagcc	caccctggca	actggetgct	agagactncc	aagatgccga	480
taataggatc	tgccnttaaa	aaatctggat	tctggcctgc	ntaantgcta	cttcatttgg	540
ctacaaagnt	ttaaggngga	accnttaaaa	ccttccccaa	aa		582

<210> 99
 <211> 619
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 99						
ggtacagtgg	tccttttcag	agttggactt	ctagactcac	ctgtttctcac	tcctgttttt	60
aattcaaccc	agccatgcaa	tgccaaataa	tagaattgct	ccctaccagc	tgaacaggga	120
ggagtctgtg	cagtttctga	cacttggttg	tgaacatggc	taaatacaat	gggtatcgct	180
gagactaagt	tgtagaaatt	aacaaatgtg	ctgcttggtt	aaaatggcta	cactcatctg	240
actcattctt	tattctattt	tagttgggtt	gtatcttgcc	taagggtgct	agtccaactc	300
ttggtattac	cctcctaata	gtcatactag	tagtcatact	ccctgggtgta	gtgtattctc	360
taaaagcttt	aaatgtctgc	atgcagccag	ccatcaaata	gtgaatggtc	tctctttggc	420
tggaattaca	aaactcagag	aaaatgtgcc	catcangaga	acatcataac	ccatggaagg	480
atnaaaagccc	caaatggngg	naactgataa	tagccctaata	ggctttaaga	atgtgggcac	540
actnttacct	aggngaaccc	atgtganccn	anggggctta	aaggcttntt	acttcaactg	600
aaagttnagg	gaaaaaaan					619

<210> 100
 <211> 614
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 100						
acgcggggga	agcaaaggag	aggggaagctg	gaagcacctt	tggcccggga	cagaaatctg	60
gagagcttgg	ctacctccat	cctcctcagg	ccggagcagg	cttcctgaga	gagtccaggt	120
cgtaggagtt	ttacgactta	gaaaagcggg	ctgcagattc	cttcctgggt	gtttggttca	180
agccctggct	ccagcctcac	tctcagtctt	cccgggagtt	cgtgggattt	ggaccttaga	240
ttattagtat	tattttgagg	gcctcctgtg	tgtaagcact	ggttggtgcg	agatggctgt	300
gcagagggcc	atgaggtaga	ggctggggaa	atgagggtct	ggaggtgctt	gaggtatggt	360
ctttacctac	gtgaaatggt	ggaggttgag	atgaaaactc	ttgctttgaa	atcttcatgg	420
aggactacat	catttcaatc	ctgaatctgg	ctcaattcta	ttaatcactt	aatacctgga	480
ttaaaaaacg	nttaantggg	ccaggcncaa	tgggtcacgc	ctgnaatccc	agccttttgg	540
gaggccaagg	cangccggat	acnttagggc	ngnanttnaa	accancttgg	caaattggga	600
aaccgcgntt	tntn					614

<210> 101
 <211> 625
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 101

ggtactttgc	ctacggcagc	aacctgctga	cagagaggat	ccacctccga	aaccctcgg	60
cggcgttctt	ctgtgtggcc	cgcctgcagg	caagaagggg	ttaaaagtgg	aatgtatgtt	120
gtaatagaag	ttaaagttgc	gactcaagaa	ggaaaagaaa	taacctgtcg	aagttatctg	180
atgacaaatt	acgaaagtgc	tcccnatcc	ccacagtata	aaaagattat	ttgcatgggt	240
gcaaaagaaa	atggtttgcc	gntggagtat	caagagaagt	taaaagcaat	agaaccaa	300
gactatacag	gaaaggtctc	agaagaaatt	gaaagacatc	atcaaaaagg	ggnaaacaca	360
aactctttag	aaccatanen	gaatatactt	taagggtatt	cctatgtgcc	taatataata	420
tatttttaac	acttgagaac	cagggatttt	gggggattct	ccaacgtttg	ttcaatttta	480
agaantgggt	tgaaggagtt	tttacttgg	gtnattcntg	gttttaggat	tttnnanngn	540
aanntggntt	ngngtttgn	nnttttaann	gggntntttt	ngggtcttna	aatttttcca	600
anaaanngtn	gnttccttcc	cggnn				625

<210> 102

<211> 605

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(605)

<223> n = A,T,C or G

<400> 102

ggtacaagaa	agaaaaaata	taaaaacaag	tctgctgagt	gtcgggagtt	ggtgagggat	60
atcctaccat	attgtgacgg	agtccaaata	gaaaacatgc	agcaacagtt	ctcctgcttt	120
atcagctccc	tggaaaataa	accagtaacc	ctggtagtgc	agtaaccatt	tggttaacag	180
gacaaacttc	ctgatggaca	cagatagtaa	ttcactgcat	ttcccttctc	taacttctct	240
cttcacacca	attccttttc	tttcctttta	gatgggtttc	atcctgttga	caaaagattt	300
ggttttattt	gtaaagtaaa	gcagataata	tcctgattga	agtattcaat	gatttaattg	360
aggatgcttg	gggatcaaac	tttgtaaaaa	ggtcaattaa	gctagttagc	agagactatc	420
agtggcttgc	agaaaaaaaa	ntcngatata	tggtttggtg	aaangcccaa	aggataaccg	480
ngaaaaatcc	tanggatacc	gggaccta	taatcaaagc	canaggggga	ccttggttaa	540
ancnttact	tngggggangg	gctnaanggn	ggntccaaac	naaattgggt	cccaacgggc	600
ccggg						605

<210> 103

<211> 251

<212> DNA

<213> Homo sapiens

<400> 103

acgcgggatt	ttacattcca	tcttttctga	agattgtcct	acaatttggg	ttttgatcat	60
gacaaagaag	attaaaattt	cattagcatg	aatgcaattt	gttaaagcag	actgatttgt	120
ttctaagata	tttttggttt	ttttaaaact	gataataatg	ctgaattatc	ttaaagtgaga	180
tgttaagccc	actttgttct	tttaatgtaa	tggagcttat	gggtagaaga	ccatgtctac	240

<210> 104
 <211> 293
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(293)
 <223> n = A,T,C or G

<400> 104

ttaatcttgc	acaaatggca	ttttattaaa	gaaaatctaa	tttacaaagc	tttgtaaatt	60
ttaagaaaaa	cattcataga	tcataaacia	aaatttcaat	atgcaatatt	caaatttaca	120
agaaaataag	cacaaacttt	tagacagtgc	agttattgct	gcactccttt	aattccttat	180
ccagagccca	aaaaatgtag	acaaacccta	aaaatgtagc	agaagcattt	ccgcacactg	240
gtgtccagaa	tctagtttgt	gcanaaatgt	ttccactaga	tttatagagt	acc	293

<210> 105
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 105

acatcatttc	tgccatgtgg	gacattttct	tggaatata	caagtaatac	tccatgtagc	60
ctgacaggtc	ctcaatgggc	acatcatcca	cgaagactcg	agcttgctca	gaacaggatc	120
ggggagagcc	agacagagtt	ctggcgtgca	gcgactgaga	gtagtcctca	agtgtggatc	180
ttcgttctgg	agccaaggga	gggacactct	gcgggcctga	aaaggaatac	acttccatat	240
catgccatct	cttacactgg	cattccttgc	ctatgcatgt	gcatggcttg	ccctgggtta	300
gcttggaac	tgattgaaag	tcagagagat	cactggcttt	gagacttgct	tggggggactt	360
gggtagccgt	cagaggagtc	ttccttctta	ctctctgatg	ggagccttgg	aacagaaagt	420
tctcaaangc	tnaacgactg	gccctggggg	gaatagcatc	gagagaagta	naccttcttc	480
ctgnactgaa	ctnttaaggg	gatgaaattc	ccagccaatg	gtggccttan	gnnangcaan	540
ntggcctttg	gcttgaatta	ctggntggaa	aaaacctttg	gccttt		586

<210> 106
 <211> 644
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(644)
 <223> n = A,T,C or G

<400> 106

ggtagcttga	ttgctcanat	ataangaaat	ggcccaatga	acgtggntgn	gggaggggaa	60
------------	------------	------------	------------	------------	------------	----

anangaaaca	gagctagnca	tatgtgaatt	gntctgtggn	ataaacaagt	taaaacanac	120
aaanatggnt	atctttcttt	ncctccggac	agtgcacatt	atcatntgaa	ctacctgggg	180
attctntatc	anaactggtc	ttgttgaata	tttatactta	attgaaataa	ttccttanng	240
gaggcntgtt	taaaacgtat	taacaggana	ttgtgtntna	nacattttaat	gaaanacgaa	300
attccacnag	aatganntaa	gtcactttcc	aagtgggtgt	cattttgtta	aacctngtt	360
tacctgtttt	gctattntta	cnttttcatt	tggaangatg	ntttgagntc	gtanttacca	420
gggnaaagac	gggttncttc	ctngctgnnn	cttnagccnn	tgctaaaaag	cnttaatttt	480
ntgcnattng	gnncttcctg	ctggtaaten	tggaaaaant	gggnnaantc	cagctttntt	540
tnttggcngc	ccaaaaangg	attcnnantn	gnnannnaac	ctttggttcc	ntaannaana	600
aaangtatnc	anaangaacc	ttgncatgcc	ngccnntnta	aang		644

<210> 107
 <211> 618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(618)
 <223> n = A,T,C or G

<400> 107

ggtacagact	tgccctttga	aatctatacc	tctggatata	ttagaggcat	tttattaaca	60
aaggcccttc	taaatgtgct	atctatttga	caataactat	cagatttgcc	ttaatTTTgt	120
gtttatagca	tttatcaaaa	cgtatcctca	tagactttat	gcagattaat	atgggtcaatt	180
gatttgata	aaagaaagta	atttcagggt	ttgtttttta	gccaggacaa	gaagtgc aaa	240
tgccctcttg	aagcaattta	ggctaaactg	atTTtgaaat	ttcaaaatgt	tttattttac	300
tttgTTTTat	taagccagga	caagaagtgc	aaatgccctc	ttttgaagca	attcaggcta	360
ggtaaaccgg	atTTtgcca	tttcaaaacc	gtttaattta	ctttggTTta	atatcagagt	420
cttataaaac	tgntgncaaa	aattttctgaa	ggctttngaa	aagggttggt	agtggaccct	480
gcccggggcg	ccgntcnaag	gcgaattcag	ccactggcgg	ncgtactagg	gatnccactc	540
ggaccanct	tggcggaatc	atgggcataa	ctggttctct	ngtgaaatgg	gatccgttac	600
aattcccaca	acatanng					618

<210> 108
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 108

ggtaccaaag	gagaatttgg	agagctggct	aaattatttg	aagaaagaat	tgccaacagt	60
ggtgttcaga	gcctcaacaa	aaccaaagga	taaagggaag	ataaccaagc	gtgtgaaggc	120
aaagaagaat	gctgctccat	tcagaagtga	agtctgcttt	gggaaagagg	gcctttggaa	180
acttcttgga	ggTTTTcagg	aaacttgca	caaagccatt	cgggttgagg	taattggttt	240
cccaaagtgt	gggaaaagca	gcattatcaa	tagcttaaaa	caagaacaga	tgtgtaaatgt	300
tgggtgtatcc	atggggctta	caaggagcat	gcaagttgtc	ccctttggac	aaacagatca	360
caatcataga	tagccccgac	cttcacgaa	tctncaacta	attccttctt	tgngccttgn	420
ttttgcnaag	ttcanccaag	gttttgaagt	antaaaancc	gatggaagct	tgccantgcc	480

atcctttcca	agcttgatgc	ttgacaggta	gtancttgnc	cgggccggcc	gttcnaaagg	540
gcgaattcaa	cacactggcn	gccgtactat	ggatccgagc	ttggnccaaa	cttgcgtaat	600
catggcatnc	tggttcctgg					620

<210> 109
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 109						
tttgtatttt	tagtagaggc	agtgtttcac	cgtgttagcc	aggatggctc	cgatctcctg	60
acctcgtgat	ccacccacct	cgacctccca	aagtgcctggg	attacaggcg	tgagccacca	120
cgcccgccct	cttttttttt	tagctgccaa	tctttttgaa	ggaatattct	tacctctact	180
ttgtcacctt	ctactggctc	cttaactaaa	atctgccatt	tggtctctctg	gttaacagtc	240
ccttctctga	aagtctaaaa	tcttaattct	aaatccacag	tttaattcac	aagctagtac	300
cttggccgng	accacgc					317

<210> 110
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 110						
ggtacattca	ggatccctcg	gccaaggact	ggaccagaag	aacacttggg	aatcttgggt	60
ccacttatca	aaggtgaagt	tggtgatatc	ctgactgtgg	tattcaagaa	taatgccagc	120
cgcccttact	ctgtgcatgc	tcatggagtg	ctagaatcta	ctactgtctg	gccactggct	180
gctgagcctg	gtgaggtggg	cacttatcag	tggaacatcc	cagagaggtc	tgccctggg	240
cccaatgact	ctgcttgtgt	ttcctggatc	tattattctg	cagtggatcc	catcaaggac	300
atgtatagtg	gcctggtggg	gcccttggct	atctgccaaa	agggcatcct	ggaaccccat	360
ggaagaccga	gtgacctgga	tcnggaattt	gcattggtgg	tcctgaattt	tgatgaaaat	420
aancctggna	tttgggaagga	aatgtgcaac	catgggtcca	agaatccagc	cnnattaacc	480
taccggatga	acctttnttg	gaaaccataa	aatgcctgca	atcaatggga	actttttcca	540
accttanggg	cttaccatga	ccttgcccgg	ccggccnttt	aaanggccaa	ttccaccccc	600
tgg						603

<210> 111
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)

<223> n = A,T,C or G

<400> 111

acattttaagt	tcccatgtta	cagaatccca	tattgtgact	atttcctcaa	aactaactgc	60
tagtaaagaa	ccatcttcgg	agaaacaaca	gttagttgct	tgatacttgt	gataactacc	120
aacaaagtca	caggtccagc	caacagcttt	tttgtatatg	tcagagtcac	ctgttaatat	180
ccatactttg	aagtaaccat	ctttgctagc	tgtaaccaag	gtgggctgtt	cagatttttc	240
tgcattacag	aaacagagag	ctgtaatgca	gtcttcgtgt	ggcatgttaa	ttttagtgtt	300
aagaataaac	ccttgtgttt	tcttattata	catccacagt	ttcatttgca	attcaagctc	360
aagtttcctt	ttcttgccgc	tggtccactg	gtgcaagcca	gttaccaaag	cagccaatgc	420
aagccttggt	aagtcaattt	ggatcaganc	ataatcanta	atatatcctg	ctggataata	480
ctaaattgga	tactggntat	cactntggag	agaataaact	gcaggtggcn	ggntttcatt	540
caaaccaagc	tttagtcttg	gacaatcatn	aaccagnгаа	atactcctat	nttttn	595

<210> 112

<211> 523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(523)

<223> n = A,T,C or G

<400> 112

acaagagcta	ttagagatgc	tgccatatgg	atggggcaaaa	ctgagccaat	cccacttagg	60
aatggaaggc	ttggacatgg	aagggaggat	ataaacgagg	agttggagaa	aaacgcaagc	120
ccagtttttg	ctagagtggg	aatgaaagtg	ggaatgaggg	tcttgttttt	agtcctctaa	180
ggaccaggaa	gcaattttta	aacttccttg	gtttttctga	aagcagcata	ttcaaaatgc	240
cagcaaaaac	tcctaacaac	tgcaaaaacca	aaagaggatc	aaagctcacc	aacatccctt	300
cttattgctg	aaagggtcta	aaattcagga	tgccctgttc	ccttgtaaaa	gggaaaataa	360
ttaaagtctg	atattatggg	atcataccac	atcacacttc	taaaaaaata	tttcaagtgt	420
gtgaccaggg	gaccgtttga	ccnccatttt	attaaccttc	actttantgg	gaaaaataaa	480
acctttttcca	gggccatttn	atnccaggac	tttttagtagg	ggg		523

<210> 113

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 113

acagtgtaaa	taactaagtt	gttaactgtc	aagtccagtt	atgtattctg	taagttgtgt	60
tctagtcttt	gactaaaatt	tatcatctct	tataatggga	cttaatcttt	ctctaaaagc	120
atataagagc	ttgtcaatag	agcaatcaat	caaaaagatt	ttgtgattca	taacattgaa	180
gttagtctgg	ttaagagttt	tggttttagac	ttcattttata	ttttccttac	taatattctaa	240
tatttaatga	ataatgatca	atttttttata	aagttattaa	tatgatcagg	gaaacctttg	300
ggacttctga	caggcatctg	gtgaagagac	aattcaagcc	ttagtgacta	tttagaatag	360
ccagtgatca	ctagctaatt	ctcatatcca	tgccctttttt	gccctgggta	cagtcttaaa	420

agaggtaaaa	cagcaaataa	tttttttaag	ggaactataa	ccctangaat	tcctgaaaag	480
aattttcaaaa	aaaataagac	cctgtggcca	tggnngccaa	acntaagacc	tactatggct	540
atattgggtcc	attaaaaata	aattactact	aatccaaa			578

<210> 114
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 114						
acggtagtaa	gaaacctttg	agatctttct	gacttttcaa	aattagagaa	agcaaattggg	60
atggatagat	tttttttttc	ttttcaaggg	gggcaggaag	gtaatgggtt	gagtagcctt	120
tgtttaaaaa	aaaactaaat	atatttaaaa	ggccacattt	atattttttt	cacaagaacc	180
acataataaa	ttccacttct	tgacctgaat	ttggaaatcc	gaaattacta	atccaggcca	240
ggtgtggtgg	ctcatgcctg	taatcccagc	actttgagag	gccgaggtgg	gcagatcact	300
tgaggcctgg	agttcaagac	caccttggcg	aacacgggtg	aaccccgtct	ctacgaaaaa	360
aaaaanatat	aaaaaaagta	ctggttatta	accaaccagc	ttagaaaaat	aatcatggtn	420
gacacnttan	ttcattcttc	taaaagcctg	ttgatctggg	ccttcctggt	gccagcattt	480
cccctttttc	aaaaatgggg	ggccttttct	ttaatttnac	ctcgtggngn	aananaattt	540
gaagggcccc	aggaagtnt	ttgggcncct	tgaagcgttt	tncacncgtn	tagattctnt	600
gattaaatcc	tcc					613

<210> 115
 <211> 190
 <212> DNA
 <213> Homo sapiens

<400> 115						
ggtacattgc	cactgagtaa	agagtggcac	cagccacggt	ggtaggtgga	agaaacatag	60
atcccaatga	ggacacaaag	acgagaccca	ggcccactcc	caggggtgca	cccattgttc	120
gaaacttttc	actgggcgca	cacatggcca	cagtggagag	gcctcccaca	atgccagctg	180
tgtacttttt						190

<210> 116
 <211> 610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 116						
ggtactcttg	gtttatcaat	gggacgttcc	agcaatccac	acaagagctc	tttatcccca	60
acatcactgt	gaataatagc	ggatcctata	tgtgccaaagc	ccataactca	gccactggcc	120
tcaataggac	cacagtcacg	atgatcacag	tctctggaag	tgctcctgtc	ctctcagctg	180
tggccaccgt	cggcatcacg	attggagtgc	tggccagggt	ggctctgata	tagcagccct	240

ggtgtatttt	cgatattttt	ggaagactgg	cagattggac	cagaccctga	attcttctag	300
ctcctncaat	cccatTTTTat	cccatggaac	cactaaaaac	aaggtctgct	ctgctcctga	360
gccctatatg	ctggagatgg	acaactcaat	gaaaatttaa	agggaaaacc	cttangcctg	420
aaggtgtgtg	ccacttcaga	gactttacct	taacttgaga	cngntcaaac	ttgcaaacca	480
tgngngggaa	atttgccgaa	ctttacactt	tgggcaggtt	ttttcccaga	agtcanacaa	540
agaactcctn	ntcttganaa	gggttttanc	ccctttnaat	ggccttgctt	atgctgcctt	600
tttcgtttgg						610

<210> 117
 <211> 608
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 117						
ggtacgcggg	gggtattatt	tgtgcccaacc	aatgatgctt	ttaaggggaat	gactagtga	60
gaaaaagaaa	ttctgatagc	ggacaaaaat	gctcttcaaa	acatcattct	ttatcacctg	120
acaccaggag	ttttcattgg	aaaaggattt	gaacctgggtg	ttactaacat	tttaaagacc	180
acacaaggaa	gcaaaatctt	tctgaaagaa	gtaaatgata	cacttctggt	gaatgaattg	240
aatcaaaaag	aatctgacat	catgacaaca	aatggtgtaa	ttcatgttgt	agataaaactc	300
ctctatccag	cagacacacc	tgttggaat	gatcaactgc	tggaaatact	taataaatta	360
atcaaatacat	ccaaattaag	tttgttcgtg	gtagcacctt	caaagaaaat	ccccgtgact	420
gctatagacc	cacactaacc	aaaggtcaaa	attgaaaggt	gacctgaatt	cagactggat	480
taaagaaagg	tgaaaccatt	actgaaagtg	gatncatggg	gaagccattt	tttaaaaaat	540
nccccaannc	attgatggga	attccttng	gaaataacttg	aaaggaaccn	nnnnagacca	600
atcnttcc						608

<210> 118
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 118						
actccactta	gcaaatgccc	tgccagcaaa	gtcacagatg	acttttttac	ccaatcttag	60
gtaaatctgg	attatctgcc	caaccgtgca	agtcaataag	ccacccttga	aaactgtgtc	120
aagatttgag	gaaacaggtc	ttaagaacct	atccaacaca	tgattccata	accaatacat	180
cttangttgt	tttaggcaaa	taggtgtatc	tcttgaatca	ctgatggatt	caatatcaag	240
atctataatt	ttcacgttta	aaattttactc	tgccgaggac	attttattgg	taaagcataa	300
accagttagt	ttgacagaca	cnaaaaagaa	aacnaaatgt	tcacagtcct	atcttcgtag	360
ggattccttg	ctataaaaaat	tggtttcagg	ttcaaggtct	tagaccactc	ttctaaggct	420
nctactggat	atantantta	ccacttgggg	nccaaactta	aaacctcntg	gactttttcc	480
ccttanggac	nangaaaaac	caaggggttg	tggtttgaac	tcctacact	tgngnnnaaa	540
ncttttcttg	gnngnatnta	aanattaagg	ggcttttn			578

<210> 119
 <211> 584
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

<400> 119
 actgtcttag aatattatattt atttttttgt atttgtaaatt ctgtggacaa aagagggttt 60
 cctcactcct tttactcact gggctcatga cagtgaagga gatgctccat ctgcttctcc 120
 ccctttctct tgctgtagtc caatgtgcta tgagcatcag cttactttgc cacttagagc 180
 aagcaaaacc cagtgcaga gtctcggtca gctctaaata ggtttgcttt ctttttagtta 240
 cagtgcccat tttgaaattg cctatacagt cttagtgacc atttaaaccg gacgaactan 300
 gcgtttaatt ttcacttctt catgttnaat tngcagttca anatttatag naagatggnt 360
 atttcgaaaa nacaaaaaan tggnttttta anaaaaanaag tncnttggtc ggcgaancan 420
 gcntaagggg cgaatttcca gcncaactgg gcnggcccg ntntagngg atccccaacc 480
 tttggtaccc angcttnggc nntaancaat tggncanag nttgtttccc tggggtgaaa 540
 antngtnatc ccgttcccaa ttcccnaca ncnnacnng cccg 584

<210> 120
 <211> 587
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 120
 acgcgggggc cgtagcagcc gccgcccac cctctttgtg tgctttggaa agccgcggag 60
 ctggtggtgg ctacagttgg tgttgggggc ttaggcgagg gacgttaccg ggaagttgca 120
 ggcgaggagga ctcttcccca tccagtcacc tgacaggtca caaacatgtc agacaaaagt 180
 gaatttaaagg ctgagttgga acgtaagaag cagcgactgg cccaaatcag agaggaaaag 240
 aagagaaaag aagangaagg gaaaaaaaaa gaaacagacc anaataagga agctgttgct 300
 cctgtgcaag aagaatcaga tctttgaaaa aaaaaggaga gaagctnaaa gcatttgctt 360
 caaagcatgg ggctaacttc agaaatcccc ccattggnc ttcctnctaa tncctncatn 420
 ccttcaaaat ctgtggagcc ctttccaagg tgaaacttgn aannccaaga antntggaaa 480
 atggcncct tggggaatct agaccnagg ncctttttta accttggaat ngnttaaaaa 540
 tcacnccaag nttgactttt ccttccttcg anaaaattgg gtcccn 587

<210> 121
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

```

<400> 121
ggtactcttg gtttatcaat gggacgttcc agcaatccac acaagagctc tttatcccca 60
acatcactgt gaataatagc ggatcctata tgtgccaagc ccataactca gccactggcc 120
tcaataggac cacagtcacg atgatcacag tctctggaag tgctcctgtc ctctcagctg 180
tggccaccgt cggcatcacg attggagtgc tggccagggg ggctctgata tagcagccct 240
ggtgtatttt cgatatattca ggaagactgg cagattggac cagaccctga attcttctag 300
ctcctncaat cccattttat cccatggaac cactaanaac aaggtctgct ctgcttctga 360
agnccatat gctggagatg gacaacttaa tgaaanattt aaanggggaa aacccttaag 420
ccttgagggtg tgtgnccact tcanaggact ttaaccttaa ctttgagacc aggtcaacct 480
ggnaanccct tgggtggagaa attggccgaa cttcccnact ttggccaggn ttttcccang 540
antgtcaaan caagacttcc ttatcatgnn 570

```

```

<210> 122
<211> 551
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(551)
<223> n = A,T,C or G

```

```

<400> 122
actatctcta ttcaggatta tgaagttttt cgatgcgaag attcactgga tgaaagaaag 60
ataaaaagggg tcattgagct caggaagagc ttactgtctg ccttgagaac ttatgaacca 120
tatggatccc tgggttcaaca aatacgaatt ctgctgctgg gtccaattgg agctgggaag 180
tccagctttt tcaactcagt gaggtctgtt ttccaagggc atgtaacgca tcaggctttg 240
gtggggcacta atacaactgg gatatctgag aagtatagga catactctat tagagacggg 300
aaagatggca aatacctgcc cgtttattct gtgtgactca ctggggctga gtgagaaaga 360
aggcggngctg tgcagggatg acatattcta tatctttgac ggtaaccatt cgtgatagat 420
nccagtttaa ttcccatgga atcaaataca attaaatcat catgactacc ttgggtcccc 480
atcggttgaa gggacngnat tcattggggg ggcattggat ttgatnnnca gntttattca 540
atactttctc n 551

```

```

<210> 123
<211> 575
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(575)
<223> n = A,T,C or G

```

```

<400> 123
acttaataca tatttttcaaa cctgtttgca tttcaaacaa agttagcggt tttgtaaatc 60
aaatttgata acccgactaa aaatatatttc cagctttatt atttaaggag ctgcacagcc 120
tttaaagtgg ggaccaggag gcaggcagag gcagagagac tgaatgcacc caggactgag 180
cagcagtcta cagcaacatg tcccacaact ttggtgctgg aaacacaagt aatgcacaag 240
acagctgccc tccagtgtca ggatcctgtg aaacagcata tcaaaagatc gccagcttct 300
tataatttac acactttcat ttaggattgc ttttttgaag aaaaatcttt aagaatgcca 360
tttttaattt aatatccaga accctggaat ttaaaaaaac ctaatngaaa ggaaattaac 420

```

tggtaccatc	aaaaatgg	ntgntgggtg	ganentgtgt	gaagtt	aattctatgg	480
ctttttttaa	gatgccccgg	aaaatttaac	ccettaatng	cangtttaac	ttngaattcn	540
cncaggtan	tgtatgttng	gctcanatta	gtanc			575

<210> 124
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 124

actgagacaa	tggttagggg	tgtttttctta	attctttttcc	tggtaggggca	acaagaacca	60
tttccaatct	agaggaaagc	tccccagcat	tgcttgctcc	tgggcaaaca	ttgctcttga	120
gttaagtga	ctaattcccc	tgggagacat	acgcatcaac	tgtggagggtc	cgaggggatg	180
agaagggata	cccaccacct	ttcaagggtc	acaagctcac	tctctgacaa	gtcataatag	240
ggacactgct	tctatccctc	caatggagag	attctggnaa	cctttgaaca	gcccagagct	300
tgcaanctag	ccttacccaa	aangactgga	aangagacat	atctntcaag	cttttttcag	360
gaangcgtnc	ctgggaatcc	aaggaacttt	ttgatgctaa	ttanaaangc	ttgggactta	420
aaaatgtccn	ctangngtg	gcacttttac	angtttttgg	aangcttnga	aggcagannng	480
gggtcnaana	ntnaaaanac	nnttgacntg	ntaatannng	aatantangg	cnaatggaaa	540
ctgngttggg	ggaggatcaa	tttaaagagg				570

<210> 125
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 125

ggtacagaga	tttaaatgaa	atcttcgaaa	gaataaattt	gcttttgagt	ccactgtatt	60
ttcaaaattg	attatcacca	agcttggatg	aaagctgtga	accacaaacc	atttgtttat	120
ttaatagaaa	aaagaatgtg	tagattatta	gcaaagtaac	gccttaaaat	gtatcttcac	180
acagttgaaa	ttttagtata	aacttgtata	tcaagttgct	ttccattatt	tattctactt	240
taaaaatata	tacaactatg	atgttcaa	atgtattctg	agccattatg	ttcaaacata	300
aatatctggg	aaattcaa	tgctgcaaca	agttaggaaa	ggattaagga	aaaatgatga	360
gctacaaatt	atgtagttgg	aggaagaaaa	aaatgttact	tagcatttat	gtctggatag	420
gtatgtattt	tctaatttac	atacacatat	ccagttgagt	atagaccacc	atcaaaatgt	480
accagttaca	cagagactag	actaaaccac	cctatttcta	tacaggtacc	atagtggatt	540
caaaaattta	atatctcata	gttcccaaaa	ttattgnggn	aatatgctna	ttt	593

<210> 126
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 126

acgcgggggg	gccttcggg	acgagggcgc	gtgggtgagg	aaggtcaggt	ctaggaactc	60
taactccttg	ccactcaaga	aatgtcctcc	ctttcagaat	atgccttcgc	catgtctcgt	120
ctcagtcccc	ggctatttgg	tgaagtcacc	aggcctacta	attccaagtc	tatgaaagtg	180
gtgaaactgt	ttagtgaact	gcccttgccc	aagaagaagg	agacttatga	ttgggtatcca	240
aatcaccaca	cttacgctga	actcatgcag	acgctccgat	ttcttggtgact	ctacagagat	300
gagcatcagg	attttatgga	tgagcaaaaa	cgactaaaga	agcttcgtgg	aaaggagaaa	360
ccaaagaaag	gagaagggaa	aagagcagca	aaaaggaaat	agtgttggtc	ccttcaagag	420
ggagactttc	ttcctaattg	ccggaagaa	gaaagtgcac	ttattgggtt	tccacatatt	480
ggaggaatgt	catcttccta	aatgaagttt	atttgaggga	acacagtcac	ttccttggtg	540
aaactaatcc	ggtacattgn	ggttgggttt	ttgaacacac	ctactgggca	aa	592

<210> 127
 <211> 600
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 127

acagtgggtcc	ttttcagagt	tggacttcta	gactcacctg	ttctcactcc	ctgtttttaat	60
tcaaccacgc	catgcaatgc	caaataatag	aattgctccc	taccagctga	acagggagga	120
gtctgtgcag	tttctgacac	ttgttggtga	acatggctaa	atacaatggg	tatcgctgag	180
actaagttgt	agaaattaac	aaatgtgctg	cttgggttaa	atggctacac	tcatctgact	240
cattctttat	tctatttttag	ttggtttgta	tcttgccctaa	gggtgcgtagt	ccaactcttg	300
gtattaccct	cctaatagtc	atactagtag	tcatactccc	tggtgtagtg	tattctctaa	360
aaagcttttaa	atgtctgcat	tgcancacgc	catcaaatag	tgaatgggct	ctcttttggtc	420
ntggaattcc	aaaacntcag	agaaatgggtg	tcatacaagga	gaaccttcac	aaccccntga	480
anggattaaa	aagccccaaa	tggggggaac	tgataatagc	acttaaggct	ttaagaattg	540
gncacanttt	caccttgtag	acccatttna	cnatngngcc	taanngctnc	ctnctncaan	600

<210> 128
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 128

ggtactttttt	tttttttttt	tttttttttt	tttttttgag	acggagtctc	actctgtcac	60
ccaggctgga	gtgcagtggc	atgatcttgg	ctcactgcaa	gctctgcctc	ctgggttcac	120
gccattctcc	tgccctcagc	tcttgagtag	ctgggactac	aggcgtccgc	caccacgccc	180

agctaatttt	ttgtattttt	ggtananaca	gggtttcacc	gngttagcca	ggatggnctc	240
catctcctga	cctcgtgatc	tgccacctn	ggccttccaa	agtgctggga	ttacaggcat	300
gagccacggc	gcctggccag	gatgggtatat	ttttaactcc	ttcactgggc	cccacccctg	360
actttctgct	ttangaggtc	tgggggtgagg	ctgaanatct	ggggggccaca	cttcgagagc	420
aaccaagact	gtaagtgggg	ccttccanag	cccaatgaag	ggaatactta	ggtacaggan	480
gtgtctgcat	ggncncangt	gtgggggttn	cttctcggcc	ttaaccagaa	agtatctctg	540
gttttaattt	taaaatgaaa	attttaaagg	gtgnctgaaa	cnaattgg		588

<210> 129

<211> 588

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(588)

<223> n = A,T,C or G

<400> 129

ggtactgccc	tctccagatc	agcagttcag	gagagcacag	gaggcaaaac	acagattgct	60
gggcttattg	gtgccatcat	cgtgctgatg	gtcgttctag	ccattggatt	tctcctggcg	120
cctctacaaa	agtcgctcct	ggcagcttta	gcattgggaa	acttaaaggg	aatgctgatg	180
cagtttgctg	aaataggcag	attgtggcga	aaggacaaat	atgattgttt	aatttggatc	240
atgaccttca	tcttcaccat	tgtcctggga	ctcgggtag	gcctggcagc	tagtgtggca	300
tttcaactgc	taaccatcgt	gttcaggacc	caatttccaa	aatgcagcac	gctggctaata	360
attggaagaa	ccaacatcta	taagaataaa	aaagattatt	atgatatgta	tgagccagaa	420
ggagtgaaaa	ttttcagatg	tccatctcct	atctactttg	caaacattgg	tttctttagg	480
cggaacttat	cgatgctgnt	ggcttttagtc	ccttcgaatt	tacgcaagcg	cacaaacttt	540
gaggaaaatc	cgaaactgcn	aagcaagntt	gntacaagtg	acccaaan		588

<210> 130

<211> 190

<212> DNA

<213> Homo sapiens

<400> 130

ggtacaaaaa	aaaccttaca	taaattaaga	atgaatacat	ttacaggcgt	aaatgcaaac	60
cgcttccaat	tcaaagcaag	taacagccca	cgggtgttctg	gccaaagaca	tcagctaaga	120
aaggaaaactg	ggctctacgg	cttggaactt	ccaaccctga	cagacccgca	agaccccgcg	180
tacttttttt						190

<210> 131

<211> 386

<212> DNA

<213> Homo sapiens

<400> 131

ggtacagaac	tcagaggaaa	aaagaaatta	aatttttagct	ttctggagag	cagccccctct	60
ctggcaccat	caaacacttc	tttgtttccc	ttcaacttgg	aactcttcaa	acatcagggg	120
ttgtgagggg	ttggccattc	ttttatcttg	ggtecatgtg	agtgcagaaa	atgggtgcggc	180
ctgggaaaga	tctccctcct	ttacattttc	tcttctccct	cctcctcctt	attctaaaac	240
tgtgcctcca	acagaggggc	aggggctctt	gtagagagat	ccctggccca	ggacaggaga	300
tgccaaatct	aatttatctc	actgaggggc	tttgagaaaa	acgcttcagg	gccaggctca	360

<210> 132
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 132

actgagacaa	tggtaggggt	tgttttctta	attcttttcc	tggtagggca	acaagaacca	60
tttccaatct	agaggaaagc	tccccagcat	tgcttgctcc	tgggcaaaca	ttgctcttga	120
gttaagtga	ctaattcccc	tgggagacat	acgcatcaac	tgtggagggtc	cgaggggatg	180
agaaggata	cccaccacct	ttcaagggtc	acaagctcac	tctctgacaa	gtcagaatag	240
ggacactgct	tctatccctc	caatggagag	attctggcaa	cctttgaaca	gcccagagct	300
tgcaacctag	cctcacccaa	gaagactgga	aagagacata	tctctcagct	ttttcaggag	360
gcgtgcctgg	gaatccagga	actttttgat	gctaattaga	aggcctggac	taaaaatgtc	420
actatngggg	gcactctaca	gtttttgaaa	tgctaggang	cagaaggggca	aaaataaaaa	480
acatgacctg	gttgaaggaa	naaaagcaaa	gaaacttggg	ngggaggaca	attaaaaaga	540
gnnctggsa	tccctnttc	ttaggtccct	ctcttacnaa	ggacnctntt	tat	593

<210> 133
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 133

acagancatt	nnnagcnctn	gcacaggnta	cagaacctna	cagacccaaa	ggaacatcgg	60
ataggcnaag	cgactacagg	aggcgtgtgt	gcgcttgggc	naggtaaaca	gggtcagtat	120
tggtcnngtg	acaagagnca	cgaantctgg	ccngacantg	angtnaanaa	ggttnatnnt	180
ttnacantta	tnnnanatat	nnnnnaannt	attaantctg	ancanntgat	tttnacacct	240
anttactaga	aaactaanga	aagcactnat	tagctctgaa	tnaantnaca	tggnaaacct	300
tttactaatc	tncaaanaaa	ccttctctgc	antatnnnaa	agattttatn	atacaangng	360
gnnnatcnct	cnatcatann	gggttctatt	ananaaccct	gctaantntg	cgacttacag	420
aacanccagc	ntananatga	ntttcatgcc	catttgggaa	gcatngcccg	ggatatcaca	480
aggaaacct	ctaaagnttt	ctgttatacc	agccttcntt	cntatcantg	catgngnana	540
nanaacctnt	gaaggttntc	cnggggactt	tnttctnttn	ctttgccc		588

<210> 134
 <211> 618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(618)
 <223> n = A,T,C or G

<400> 134

tcnagcggcc	nncnnggcag	gtacantcac	annttnnang	anctnaacac	anactanctg	60
nngtcaaata	ttnaacaaaa	gcantagatg	aanctgctta	acattcacgg	aaaaacaacc	120
aaaagaagg	aggggtgata	aaccanaaaa	atgantgacn	aaaactaaga	gacctcatan	180
gngtctttac	aatcnnga	tcagatgcaa	ggaacagacn	caaactgtc	taaaatgtna	240
cctatgaggc	nacanaaa	gacttaaagt	ctggtntnan	taaaaaatga	caacccttat	300
cctagagagt	cttacnttat	ttaatccana	cnttatntaa	cgccncngat	ttttgnttgg	360
ngctatggng	ttnatntnt	atcagaanga	antgtgggac	anatgcatta	ctgnttgttn	420
aaagngcttn	acagctaatt	cacncccnng	ggcatgggtca	aaaaggnaan	aaccnngnca	480
tatattgntg	anatgaaaaa	accacntggt	aaaaaaataa	ntgnagccna	ntgngttttn	540
natgataacc	aaatnttnac	nttcagtann	ngccttttan	aagttgggtga	actccgaaat	600
ctnctttttt	aaaccnng					618

<210> 135
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 135

actttttttt	tttttttttt	tttttttttg	gggatggagt	ctcactctgt	tgtccaggtt	60
ggagtgcagt	ggtgtgatct	cggctcactg	caacctntgc	ctcccaagtg	attctcctgg	120
ctcancctcc	tgagtagctg	ggactacagg	catgcactac	catgcccggc	taatttttgt	180
atttttagta	nanacagggt	ttcaccatgt	tggccaggct	ggtcttgatc	tcctaatactc	240
aggtgatccg	cctgcctcan	cctcctaaag	tgctgggatt	acaggcatga	gccactgtgt	300
ntggccaana	ncactcgtaa	gaaggatggc	agtatcacia	aatcaagcca	gagatacaga	360
gattacccgc	gtcc					374

<210> 136
 <211> 581
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 136

actccagcct	tgctgaagct	gcctcaaagg	ctgatgggtt	ggcagttatt	ggtgttttga	60
tgaaggttgg	tgaggccaac	ccaaagctgc	agaaagtact	tgatgccctc	caagcaatta	120
aaaccaagg	caaacgagcc	ccattcacaa	attttgacct	ctctactctc	cttccttcat	180
ccctggattt	ctggacctac	cctggctctc	tgactcatcc	tcctctttat	gagagtgtaa	240
cttggatcat	ctgtaaggag	agcatcagtg	tcagctcaga	gcagctggca	caattccgca	300
gccttctatc	aaatgttgaa	ggtgataacg	ctgtccccat	gcagcacaa	aaccgccaac	360
ccaacctctg	aagggcagaa	caagtgaag	cttcattttg	atgattctga	gaagaaactt	420

gtnccttctca agaacacaac cctgcttctg acataatnca ataaaaataat aatttttaaaa
aataaattat ttcaatatta ncaagacaca tgccttnaat natctgtaaa ctaaaaacta
aaatttantic tactgnntaa tcnaanataa taatagcttc a

480
540
581

<210> 137
<211> 504
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(504)
<223> n = A,T,C or G

<400> 137

ttttncaaan	nnaagttttt	tacttccnaa	aanatnatggc	taaggggngg	gngggngggng	60
aaaaaagnaa	aacaaaaaaa	ccccaaaaaa	atggggnggn	naaaaggggg	gganaaaaaa	120
ccnntntttt	ntaaantntn	acaaggcaag	ngcnnangga	aaaaaaaaan	ncctgnaaaa	180
tccccncgg	nnggggnaaa	natnnnggtt	tccttttgnt	ttnaaacccn	ntnangnaag	240
gntntcccc	ntnccccna	atnaaaaatt	tntntnccng	ggccnnaacc	ncctanggg	300
naaatccac	cncnctggg	gccgttanta	agggatccna	gctnggccca	ancttgngga	360
aacatggcaa	aactgttcct	nnggnaaaat	gtttcccctc	anaattccca	naaaataaaa	420
ccggaacata	aagngaaaac	cngggggcct	aagngggncn	cacnccattt	attgggggtg	480
cccncgnccc	tttcaaang	aaac				504

<210> 138
<211> 386
<212> DNA
<213> Homo sapiens

<400> 138

acaacaaata	acactgtgac	tccaacctca	caacctgtgc	gaaagtctac	ctttgatgca	60
gccagtttca	ttggaggaat	tgtcctggtc	ttgggtgtgc	aggctgtaat	tttctttctt	120
tataaattct	gcaaattctaa	agaacgaaat	taccacactc	tgtaaacaga	cccattgaat	180
taataaggac	tggtgattca	tttgtgtaac	tcactgaagc	caaaatacta	tcttttaaga	240
tgtcccacat	ggaagacgct	attccaggat	ctttaaattt	ccatggatgc	atataggatg	300
tttggggagca	tcattccgtga	agaaaaaatc	aattaaatca	ttgtgttcaa	caggaatatt	360
taaaataaaa	aaaaaaaaaa	agtacc				386

<210> 139
<211> 586
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(586)
<223> n = A,T,C or G

<400> 139

ggtactcaag	tttataatgt	ccccaaacct	taagactaga	aatcatccc	aagaaaaagg	60
cctatagttg	gtttaatttc	accctgagaa	tactgtgata	aaaatcaata	tatttcagag	120
ctagtaagta	tttaaaaatt	agtgtctcaa	aaaggggaca	tcataaggga	aatacagggt	180

ttagaggtct	gagctcaagt	ggtgtaagac	agttctttct	tcttccttct	ttaaactctt	240
cactttgctc	taacacggaa	gatgggggac	agtgatcccg	aaggtattac	taaaatattg	300
cagctttcag	taattatgag	aagcacagat	atcaccagaa	aagaaagcaa	tcatttgagg	360
tactaagaaa	cgaaacaatg	ttatttggtg	gtgtataatt	ctacttttct	agtagattac	420
tgngtggaat	tctgtgaaaa	atatttgaga	aaangcctgt	attgcataaa	taaatctttg	480
tatgttgcaa	aaaaaaaaaa	aaaaaaaagt	acctgccggc	cgncccaang	gcgaattcca	540
cacctgcggc	cgtctagnng	tccacccggt	ccacttgggt	atatgg		586

<210> 140
 <211> 591
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 140						
acagggagga	atttgaagta	gatagaaacc	gacctggatt	actccggtct	gaactcagat	60
cacgtaggac	tttaatcggt	gaacaaacga	acctttaata	gcggctgcac	catcgggatg	120
tccctgnacc	aaccttcaag	gccnaaaccc	nnntggtggn	tttggncntn	aaatnaggat	180
ggccctgtnt	tccntaggtg	acttggtccg	ttggtcaagt	tattggatca	attgagtata	240
gtagttcgct	ttgactgggt	aagtcttnac	cnngtccntt	tngngtgggg	tttttttagg	300
naaaagnctt	ttggtncatt	nnnggggggg	gnaggggact	gaacctttat	tntttccaaa	360
tncaccttaa	antcagggac	aanaaacatt	ccaanaacca	caatctttta	aaaaattaac	420
tngccagtgg	gaatgtttta	aaanntnaaa	ggtctttttt	gccttggttt	ttgtgggggt	480
ctctcttccc	ccccctgggg	ttaatttttn	aagccgggac	ctcncnaana	cccctttttt	540
caaagggccc	naaaccccc	cccccnaaaa	aaaaaaaaaa	aaaaaaaaanc	n	591

<210> 141
 <211> 592
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 141						
ggtacacaaa	ccaagacaat	atcaggggtga	caggtgaatg	aacttaaatt	ctcagtcttg	60
tctattcacc	aaaaaagtat	actgcctggt	ttttctttta	ttattcaagg	ttgatgactt	120
ttaggaacat	gtttttatact	gtatttttta	attaaagcaa	gtgccttgat	gtaattccat	180
gtaaatacatt	gcttaaccct	cttatgggat	gaggatgagt	tattaatgta	ttgcagccta	240
ctggaaagga	gggggagttg	gttaatagca	gatacttttc	ttctagaagc	ttatgtttta	300
tgctgtttat	tatgtaagat	cctgtatgtg	tgttgagatt	tagaggtttc	atttgttttg	360
tctgctaata	aattgttact	ctaataataa	ccnngnnaaa	naaannnnnn	nnnnnnnnnn	420
nnnannnggt	ncctgccng	gcggccgctc	gaaaggcgca	attccancca	ctggcngggc	480
gtactaagg	gatccgnctc	gggncccaac	ttggcgtaat	atnggcatac	tggttcccgg	540
nggaaatggt	atnctgcaaa	ttccccaaat	acnaccggaa	ncttaagggt	aa	592

<210> 142

<211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 142

acaacacctt	cattcttaat	gcttcttagg	gcatacacagg	ttttagaaat	taatgtat	60
ttagcattcc	acagtaata	tcactttcaa	aaactgcaat	atacatctgc	atgttacact	120
gacatacaac	acataagtat	tttgtcacac	atcaactttt	agcctcaa	aatagaatac	180
aaaaagctac	actggacata	acaccaccga	acttttgaat	atcccccttt	ccaattgtt	240
aacaggtagt	actgggatta	caggcgtagg	cctctgcgcc	tggccaagt	gaggttatta	300
ttaaccctat	ttaacagata	taaaaagaag	agattagaga	attttatcaa	tggtcccact	360
gtcaaataga	atataagcaa	tgatacaaaa	tggtgagtct	tatacactga	actccagatc	420
ctggatatatt	gccctacatt	tctatacatt	aatactaact	tatacactga	atacaagagt	480
naaaccaact	gtcngggcct	aatangngna	aaatgctctt	gncctaaanc	accaggggtg	540
ctnggtttat	tcctacatgt	ggactaaaa	gnaatcatct	ttatggcngg	aaana	595

<210> 143
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 143

actactcgat	tgtcaacgtc	aaggagtcgc	aggtcgcctg	gttctaggaa	taatggggga	60
agtatgtagg	agttgaagat	tagtccgccg	tagtcgggtg	actcgtgtga	agttggcagg	120
gacgggttcc	gtcatcttct	tgggcttatt	tggtgtgctg	ttgaaggggg	gagactagag	180
aaatggcagg	gaacctctta	tccggggcag	gtaggcgcc	gtgggactgg	gtgcctctgg	240
cgtgcagaag	cttctctctt	ggtgtgccta	gattgatcgg	tataaggctc	actctcccgc	300
cccccaaagt	ggttgatcgt	tggaaacgaaa	aaagggccat	gttcggagtg	tatgacaaca	360
tcgggatcct	gggaaacttt	gaaaagcacc	ccaaagaact	gatcangggg	cccatatgct	420
tcgaggntgg	aaanggaatg	aattgcaacg	ttgtattccn	aaagaagaaa	atgggttgaa	480
gtaaaatggt	ccttatgacc	tcncaacctt	ataaacncat	ccgtttnttt	acaacctnta	540
accacatggg	aagttcattn	aaaaaaaactg	aaaactttgn	aaagnttttt	ttnnccctga	600
aaaggggaact	tacctcgccc					620

<210> 144
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

```

<400> 144
cgaggtagctt tttttttttt tttttttttt ggggtcagtg gtgatatccc cctaatacaat      60
tctgattgng ttccttttaa tcttctctca tttctttttt attagactag atagtgaattt      120
atctatttta ttaatttttt caaaaaatca cctcctanat ttgttggttt ttaagggggtt      180
ttatgtctct atctccttca gttcaactct gatcttggtt atttcttgnc ttctgctaga      240
tttgggggtt gntttctgnt ggntctctaa gttctttttt ntgngacatt agattgncaa      300
cttaaaatct ttctagctat ttgacgtggg catttaatgc tataaatttc ctggtaacac      360
tgctttcgct gtatnccana naatctggga tgggtggggcc ttggtttcaa taanttccaa      420
tacctcttaa gggggnggag ccaanaagan ctaatagggg cagcactgct ctgggctncc      480
atcaanaagg acaaaaactg ggagngaccc tgcttnttca ctgaggnacc ggcccggccg      540
gccgtccnaa ggccaatcca cncnctggcg gccgtctatg gatccaccgc gnccaactgg      600
ggaatatggc aaa                                         613

```

```

<210> 145
<211> 345
<212> DNA
<213> Homo sapiens

```

```

<400> 145
acactgatct acaaaaattt taaaatgagc cgggcgcggt gactcacgcc tgtaatccca      60
gcactttggg aggccaaagc aggcggatca tgaggtcagg agatcaagac catcctggct      120
aacacgggtga aaccccgctc ctactaaaaa tacaaaaaat tagccgggtg tgggtggcggg      180
cacctgtagt cccagctact cgggaggctg aggcaggaga atggcgtgaa gccgggagggt      240
ggagcttgca gtgagccgag atcacaccac tgcactccag cctgggcaac aaagcaagac      300
tctcaaaaaa gaaaaaaatt tttttttaa tgagctgggt gtacc                                         345

```

```

<210> 146
<211> 475
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(475)
<223> n = A,T,C or G

```

```

<400> 146
actacaaggt ttagcatttg ctctgctggt cgacattccc ccagtctatg gggtgtatgc      60
atcctttttc ccagccataa tctacctttt ctcgggcact tccagacaca tatccgtggg      120
tccgtttccg attctgagta tgatgggtgg actagcagtt tcaggagcag tttcaaaagc      180
agtcccagat cgcaatgcaa ctactttggg attgcctaac aactcgaata attcttcact      240
actggatgac gagaggggtga ggggtggcggc ggcggcatca gtcacagtgc tttctggaat      300
catccagttg gcttttggga ttctgcggat tggatttgta gtgatatacc tgtctgagtt      360
cctcatcagt ggcttcacta ctgctgctgc tgnatggtt tggtttccca actcaaattc      420
atttttcaat tgacagtccc gtcacacact gatccagttt caatttttaa agacc                                         475

```

```

<210> 147
<211> 629
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 147

cgaggtagcg	gggatttgaa	tcttaaactg	tattttttctc	ttagtattgc	taatgagtaa	60
agaaaagtct	cataaggtag	ccaaatgaaa	aagaatgaaa	gggaaagtga	aaaattaagg	120
ggacaaaaga	tgggatgtga	aaagaagaat	tctagtttga	tggtgactca	tattcacgat	180
aggatacaaa	gtgtgatttg	ttggaacat	gtcccaaatt	tctaaaattc	tgcttctctg	240
ccaaaagcaa	tgtctttctt	ggttgatatt	tgagttttta	aagggtcaaa	tctttcta	300
tttttgtatc	tttagagggc	agcactagaa	gaaatcagca	gggtctaata	caccagtaag	360
aaaactacca	cttcttgatt	tttacagatt	taaaaaaatc	ttttcagtgc	ctttcttttt	420
aatgtaaata	caaatttaaa	cctangctta	atatagcggt	tccctttccc	caagtgatgt	480
cnaggtcgat	gccaaatcaa	tgatccnaaa	tgatcgnggt	naaaataact	caaaggggtc	540
ttaaggngag	tngcatgcc	aaaaatacct	tgattccggg	gggttggacc	tggtttgtt	600
ggggcctntg	aaatgccaan	ttanccan				629

<210> 148
 <211> 614
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 148

acaaaagagc	ctgattcttt	ttaattccac	aaatacctag	catctcaaag	taacatgtaa	60
acaaacttct	atgctgctca	atgaatcctt	ccaatttcga	taataaacta	aatagtattg	120
gatctagtag	atgactttca	tgtgtaagtt	atgggttctat	ccattacttt	aacaatatta	180
ctgatgtaac	agagaaaaat	tttcaactat	tgtatttatt	taaaacaaac	tgacaagttc	240
aagcacctgt	cttcagaaaa	gccagcagca	tttttttttt	ttaacatact	caaagtaaga	300
tttggcctaa	gcccttaata	cctttctgaa	cagccatgca	actaaacacc	ctcagggaga	360
tgttacataa	gggagagaa	aacatggagc	aatttgact	ttttccctag	ataatattaa	420
caaggnaaag	caaatncaga	tctttatgaa	tgaatggntg	gcatgggtta	tcacttggac	480
tttttaaaact	agagnccta	tcatattggt	aaatagaaan	aaaggatttt	aataaagctc	540
tncctgcttc	aaaattaagg	ggacnttttc	tgggaggctt	tcagggacca	taataaggta	600
aaaggggacg	gttg					614

<210> 149
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 149

nccgaggnac	tttnnttttt	tttttttttt	ttttnaacag	cgntttttca	tttttattac	60
tcaaaaaagt	ttcatttttt	tattttaagct	ttctgactct	gngcttgggc	cttcaacact	120

ttcacaaacga	ttttctgctc	ctcgataagg	aaagcccgct	tgatcctana	aaggaaaata	180
ccaaattaat	catttcttta	aaatgaactt	cattttttat	ttagcccaaa	aaaggnaaac	240
atggtaaaga	accaagcnaa	gcaatcaggg	aaccagggaa	actacnggat	acccaaatac	300
ngagtaaaac	ttaaaagggg	aaattcattt	aaagcagggg	aatccctcaa	tttcatgccn	360
gtagttatct	gncctcctct	gagcaagaat	aactatgaag	catcccccag	gagaccacnt	420
atgagactta	attattggta	ggatccagga	atagnngnat	ttnttgattt	gcaaaaangtn	480
taaaaaattt	taaccctntt	ttgaaaattc	ccagnaaaaa	caccncataa	ggggctntgt	540
gttaaaacta	aaattaaagg	gaagggtttt	tccagaaacc	ccccccanac	cagggtttna	600
accggttang	gcanntcncc	aaaccnan				628

<210> 150
 <211> 509
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(509)
 <223> n = A,T,C or G

<400> 150

ttgggggaann	aaaaaaaaaac	tttttttttt	nggggnnnngg	ggntgcnanc	natncaaaaaa	60
tcaaaaancnt	ntttgggttt	taactttttt	ttttttgntt	gncaaannaa	aantaaantt	120
tntttttana	tttgctaang	ggccngancn	gcnnaaaaaa	nccttttttn	ggggaanctt	180
nggggcaaat	tnnttnannc	accctttggg	anaacttttn	ttaggggggn	nnnaaccgnc	240
atttttgccc	acttttttcc	cttttgntta	anggggncct	tgggcnggac	cnccttagg	300
ggnaattcac	ccnctggggg	gcgttatntt	ggatccactc	ggnccaactt	gggggaaaaa	360
gggaaaacnt	tttctggggg	aaattttttc	ccncaaaatt	cccaanaana	aaaccggaac	420
nnaaanttaa	acccgggggg	ccaaggnggg	ccnncccntt	nttgggtggg	ccctgcccnt	480
ttaangggaa	attttgcccc	tttttaaaa				509

<210> 151
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 151

ggtacttttt	tttttttttt	ttttttttgc	tttggacaaa	tttattgaaa	catacaggcg	60
gctgttagca	gagaaatcat	tccatgattg	atgtgttaca	tttggccact	accttgaatg	120
tataatttaa	aaattatatt	tttcacaact	aagcctttgg	ccaaaaaagt	catttagcac	180
atctttaaag	atcaataaga	aatggatttt	ggacattaaa	aagatcaagt	cactgaatta	240
aacagtagca	acccccatta	atctagaatc	ccatagtgtc	gaaggtagag	gtgtctgtgc	300
aaagctagtc	atgtgtaaac	agcaatcana	aaanatgggg	gcaggcacac	ctgtcaaaag	360
tggcaacana	nctggcagga	caggacggct	gggctggctc	ggtcaggtga	gcatgtacca	420
aaaacagcag	caacagaaaa	cccgctccacc	angcttgtga	agcangtgga	tggtcctagc	480
tcattctntn	ttttgggnctt	ntancacata	cactgngggg	ttangangnt	tctgaggnc	540
accttgccnc	cctacctgcc	cgggngggccg	ttnaaagggg	aattccacca	ctggggggccg	600
tctaattgga	cccacctggg	cc				622

<210> 152
 <211> 313
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(313)
 <223> n = A,T,C or G

<400> 152

acggtggatt	agttcttttc	agcatgttcc	ttctgtatga	taccagaaa	gtaatcaagc	60
gtgcagaagt	atcaccaatg	tatggagttc	aaaaatatga	tcccattaac	tcgatgctga	120
gtatctacat	ggatacat	aatatat	tgcgagttgc	aactatgctg	gcaactggag	180
gcaacagaaa	gaaatgaagt	gactcagctt	ctggcttctc	tgctacatca	aatatcttgt	240
ttaatggggc	agatatgcat	taaatagttt	gtacgcgggg	aaaaaaaaan	aaaaaaaaaa	300
aaaaaaaaag	acc					313

<210> 153
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 153

cgaggtacgc	gggagggcaa	caagaacccat	ttccaatcta	gaggaaagct	ccccagcatt	60
gcttgctcct	gggcaaacat	tgctcttgag	ttaagtgacc	taattcccct	gggagacata	120
cgcacaaact	gtggaggtcc	gaggggatga	gaagggatgc	ccaccacctt	tcaagggtca	180
caagctcact	ctctgacaag	tcagaatagg	gacactgctt	ctatccctcc	aatggagaga	240
ttctggcaac	ctttgaacag	cccagagctt	gcaacctagc	ctcaccacaag	aagactggaa	300
agagacatat	ctctcagctt	tttcaggagg	cgtgcctggg	aatccaggaa	ctttttgatg	360
ctaattagaa	ggcctggact	aaaaatgtcc	actatggggg	gcactctaca	gtttttgaaa	420
tgctaggagg	caaaaggggc	agagagtaaa	aaacatgacc	tggtagaagg	aanaaagcaa	480
aggaaactgg	tggggaggat	caattagaga	ngaggccctg	ggatccnct	nttcntaggn	540
ccctctcata	cnaaggacac	tttttatatg	ccttcccaaa	ctgntnggga	agggtnaaac	600
caaaatccgg	ggtanaacct					620

<210> 154
 <211> 339
 <212> DNA
 <213> Homo sapiens

<400> 154

ggtacctgga	ggatatagac	ctgaaaacac	tgagagaagg	accaaggact	ttcaaagcaa	60
aggagctatg	ggaaaaaaat	ggagctgtga	ttatggccgt	gcggaggcca	ggctgtttcc	120
tctgtcgaga	ggaagctgcg	gatctgtcct	ccctgaaaag	catgttgga	cagctgggccc	180
gtccccctct	atgcagtggg	aaaggagcac	atcaggactg	aagtgaagg	tttccagcct	240
tatttcaaag	gagaaatctt	ctggatgaaa	agaaaaagtt	ctatggtcca	caaaggcgga	300

<210> 155
 <211> 450
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(450)
 <223> n = A,T,C or G

<400> 155
 cgagggtactt tttttttttt tttttttttt tttttcntat ttttgtttaa tttattttaan 60
 accacctnct tacaacttnc anagagaaaa tacaaaacaa gaaacanact tggtttnaaa 120
 tgcataacca gntgctggan tttaaagcat tactgataac attgttacan aanaatggca 180
 nnttactcna gggcacttna gtattcctna ggaataaaca ttgattttctc ttgtcctccc 240
 nntgggatgt tctcangtna agtcaactgc cctgcncctta gacatatttt ccatgtnnca 300
 naananggag cctgnaaant atgctnacag tnggaataag ccattnctaa ttccatgcca 360
 naaccnangg ctaatggnnc attctttttt aataagggtat gtggaaaana ttcntatccc 420
 aaanaaaant tgcccggncg gtctntntaa 450

<210> 156
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 156
 cgagggtactg ccccgatgaa aatggaactg aaagagcctg tagctgtcag agaaaggacc 60
 acctttcagc actgatcggt tatcgttgtc ctcaaaattt acatggaagg aatgccccac 120
 attgataatt tctttggctg tggtctgggt gtaggagaca ctaataggtt tcagagaggt 180
 gtcattgttg gtttcactgg ttttaatatc aacaggggac tgggtatttc cattggcaat 240
 gggatacagc ttgtccatt gtccaggacc atttttgtca tcatatcccc agtctggact 300
 tgccattatc ttctactgag ttttctttt ctgaaaacaa aaataatacc tggataaact 360
 aactgcccc gcgtcctgcc cgggcggcca aaggggcaat tccaccactg gcggccgtac 420
 ttatggatcc aactcgtccc ancttggcgt aatatggcat aactgttctg nggnaaatgt 480
 atcccttaca attcccnac atcnaccga acctaantgt aancctnggn gcnnataagg 540
 actactnctt aatgggtggc tctgncnttt caannggaac cttngcncn gntatgattg 600
 ccaccccgga naggggtggg ttggccttcc ntcttgtann aatcttcncg gnttggtgga 660
 anggtnttct taggggatng ttccaatggg gaccgnaanc ttccagccna ggcaccaa 720
 cnttggttta nccccacnn aaaantanag gggncngggg 760

<210> 157
 <211> 668
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(668)
 <223> n = A,T,C or G

<400> 157

ggtaccag	agtcattcag	gaacagggtg	ttcagtttcc	atgtagttga	gcgggttttga	60
gtgagtttct	taaacctgag	ttgtcgtttg	attgcactgt	ggtctgagag	acagtttggt	120
ataatttctg	ttctttttaca	tttgcctgagg	agtgcctttac	ttccacctat	gtggtcaatt	180
ttggaataag	tgagatgtgg	tgctaaaaag	aatatatatt	ctgttgattt	gaggtggaga	240
gttctgtaga	tgtctattag	gtctgcttgg	tgcanagctg	agtcaattcc	tgatatacct	300
tggttaacttt	ctgcttggtg	ntctgtctaa	tattgacagt	ggggcggttaa	agtctcccat	360
attattgtgt	gggagctctaa	tctcttttga	ggtctctaa	gacttgcttt	ataaactggg	420
tgctcttgat	tggttgcaat	atatttagga	tagttagctc	ttcttggtga	atggancctt	480
taccaatatg	aatggcctcc	ttccttttga	ccttggtggg	taaagctggt	tatngaaact	540
ggatggancc	ctgctttttt	tggttcattt	cctgnagggt	cctcagcctt	attttanenn	600
gnggctttgn	ccnccntccg	cggcnttaag	ggaaccacnc	tgngcgtcta	ngancactgg	660
caactggg						668

<210> 158
 <211> 737
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(737)
 <223> n = A,T,C or G

<400> 158

tttttttaag	ggtcaatggt	tacatttttt	tcatataaat	atcaagttgt	cagcaccatc	60
tggtgaaaaa	aatcttttga	atggctaata	ttttatgtca	ttagatttga	taatagttaa	120
agaatttttg	ttcctatatt	catgagggtt	gcttttcttt	aacttttttg	ttttgtaatg	180
tctgtgtcag	gntttactat	tagaacaata	ctagtctagt	aaaaaaaaaa	anaaacaaaa	240
aactancaag	tgtntctccc	cttctattta	taanaanggn	gttacttctt	ccttaaattg	300
nnaaattatg	agngaaactt	ggagtatcnt	tgcnnggant	gaagtctcct	tgtggaaaga	360
attttatnat	nattacattt	caatagtncc	gcntccctgc	ncgggcgggn	ntcaaaggcg	420
aatncagcaa	attgntggcc	gntactnngg	accaacntcg	gnccatnntg	gggnancang	480
tcaanctggt	ctngnnaatt	gtnccttcc	aatncccaca	nanaaccgaa	cctaaatgga	540
accnnggggc	tantaangnc	taccnntatt	gngnggctnn	gcccttnnnt	ggaaactgnt	600
cnaccnttat	aatggccccc	cnggaaggnt	tntttggcct	tctnntncaa	anctggcngg	660
nttntgtgna	ggttatctna	ntggatgttc	cacgggaacn	gaanatntan	ncagtggacn	720
aaanntnntn	ttttnct					737

<210> 159
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

```

<400> 159
cgaggggtaca ctgtgagaga ataacatgga cttgatatgg catcacactt gttttaaagc      60
aaaaaaaaaag aaaaaaaagaa aaaaaaagaaa gtacagttaa aaagtaagca ttgtagtaaa      120
tagtggattc tctgggtgtgt atttttttatc tcagtgttga aaattggaaa agaatgggct      180
gaagtctaaa aactggaata atgaaggaca ctaaatgcct ttattgtaga tactatgttt      240
gtaagtctat agctaagcaa cttaagccaa aaaggctctt caactgaagc tttaatcaac      300
ttatttttga gatgttctct tccttatctc atgcgtcatc cctaaaataa taagatacat      360
gggatcaaat aacccttgcc ttttcaacac aaatcagttg gaaaattatg ggttgagtcc      420
tggtgctgcc atggttctgt tctcaaaatg agtgtgtatg acatcccatc tatgtaatag      480
gctacctttt tggctcttgg aactttgtcc tgccggcccg cnttaaggc nantcnacca      540
ctggcgcccg tactatgggn tccagctcgt ccaaccttgc tatcntggct acttttctgg      600
ngaattgtatc cgtncatccc cacttcancg gagctaangg aancntgggc ctatggggct      660
actccatatg ctngccnctg cnttcnangg aacncgcntc ttaanatgca cccnggaagg      720
gtngtngcct tcnttcttt                                     739

```

```

<210> 160
<211> 802
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(802)
<223> n = A,T,C or G

```

```

<400> 160
cgaggtacag cagagacctt cctgcttttt actggggact ccagattttc cccaaacttg      60
cttctgttga gattttttccc tcaccttgcc tctcaggcac aataaatata gttataccac      120
taaaaaaaaaa aaaaaaaaaag tacgcggggg cccattgttt ttgtaatctc tgaggagaag      180
cagcagcaaaa catttgctag tcagacaagt gacagggaat ggattccaaa caccagtgtg      240
taaagctaaa tgatggccac ttcatgcctg tattgggatt tggcacctat gcacctccag      300
aggttccgag aagtaaagct ttggaggtca caaaattagc aatagaagct ggggttccgcc      360
atatagattc tgctcattta tncaatatga ggagcagggt gactggccat ncgaagcaag      420
aatgcagatg gcagtgtgaa gaaagaaaca tatttacctt taaagcttgg tcccttttna      480
tcgaccnaag tgggtccgaca agcttggaat attactngan aaagctcaat nggactatgt      540
gactcttttt aataatttcc anggnnttaa acccgtgagg acttttcccc cgntaaatgg      600
aaagtatttt gcnannggac ttgacttccc ggngccntaa gngaattcac cactgggggg      660
gnttaggggtc cnnntggnga anttggnaaa ngggtaatnn cntgnaatgt tectcatccc      720
aantngccgn ataantaacc gggcaaaggg cccaaatggn gccctccttn nngaatannc      780
cctntannna ancggggggg gg                                     802

```

```

<210> 161
<211> 214
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(214)
<223> n = A,T,C or G

```

```

<400> 161
acttttnntt tattenttat ttttgggacc tgctctcact gtccaccag actggagtgc      60

```

antggcacca	ttatagctna	ctgcagcctt	gacctnntgg	gctcaagcga	tctnctgtc	120
tacaccccc	aagnatgntg	tgacattatg	cttggataat	acttgatatn	tangtaaaga	180
cagggtcttt	ccnatnnacc	nggnagatct	naaa			214

<210> 162
 <211> 304
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(304)
 <223> n = A,T,C or G

<400> 162						
acttaggaat	acaactatat	acatatgatt	ttatTTTTta	gaccatatta	tatttgggta	60
tctactaata	TTTTgtataa	agcaattttt	tgttccatta	cgtgactttt	tgTTTTtattg	120
tatatgtaat	TTAACacaca	ataaagggta	aagttgcttc	cccaaaccac	actTTtaatc	180
aaaacctaga	atcatctgca	gtccttgTTa	aaaatgcagg	tttctagaac	cctctgaagt	240
tctgattaaa	taaatttatt	gcaaatcaaa	naaaanaaaa	aaaaaaaaaa	agnccccggg	300
gnta						304

<210> 163
 <211> 461
 <212> DNA
 <213> Homo sapiens

<400> 163						
actagagcca	gtcatcctta	acaaatcttt	tcacatttta	tttctttcac	atgtagtcat	60
cttcaaaaag	gaaagatttg	gaatttttaga	aaaggggcaa	ctcttctttt	tagcattctc	120
atcagaaagt	cacaaaaatc	gatggaatca	tttccactgg	gaagattgac	cttttgtatt	180
tatttTgtggg	gtaaattaat	aagcattcca	gatgcttgca	gcttcctgca	tccaggagat	240
gctgtgttcc	ccgtgatgca	gctggaaccc	aagctgcagc	aggagatgca	agtttcagga	300
tgttccccac	tgagctggag	gaatatctac	agcagtgatg	cttgaaattt	tgtatgaatt	360
atTTtgtegc	ctaccctttt	cctccaaaca	aaaattagag	gattatttta	tccttgggat	420
cttccccttt	ttgagaaata	aagtttttat	caaaaaaaa	a		461

<210> 164
 <211> 345
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(345)
 <223> n = A,T,C or G

<400> 164						
TTTTTTtgag	acaaggTctt	actctgtcac	ccaggctgga	gtgcagtggc	atgatcttgg	60
ctcactgcac	cctctgcatc	ccaggttcaa	gtgattctcc	tgtctcagcc	tcccttgtag	120
ctgggattac	agccacttgc	cactgcaacc	ggctaatttt	tgtattctta	gtagagatgg	180
ggTTTTacca	tgTtgccag	gctggTcttg	aactcctgac	ctcaagtgat	ccacctgcct	240
ccatgtccaa	agtgtctggga	ttacaggcat	gagccaccac	ccctggccta	agtcattaat	300

<210> 165
 <211> 385
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(385)
 <223> n = A,T,C or G

<400> 165
 actgaaacag aaactntacc caattgcagt ccatatgttt tctgggatcc cggagttccc 60
 tttcaacaat gtaaaatata nacttaggtc aaaagttccc atgtctgaga aaactcaagc 120
 caaatcagtt ctctccaaa gttgacagga tttatgcttt aaaaatagag atacagaatt 180
 ctctttggaa agatctacca aattcctgta agaaacagtc tacccaaagt aggggaaagg 240
 ctatatgana agttcaaggc acttcttaaa aatatactt aggttttagg gaaaggaaac 300
 agacaagttt ccagaccctg ggggtggaat gatgtagcag atcactgaga gggtacaagc 360
 gccgacctng gccngnacac gctan 385

<210> 166
 <211> 745
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(745)
 <223> n = A,T,C or G

<400> 166
 tttttgacga tgtctctcaa caatacctga agttttctcat actcatcatc ccaagtctga 60
 aaaacttcaa agcatgctac cataactttt tcaaattctt cataagcaac atgcatcaat 120
 ttcctagtgc ccaatacttt gagtaattga gaactcaagt ctcttgaaat tgcctccacc 180
 aaacgcagtg cctcttgaat aggatatttt gtgtttcggg tctttctcaa atcccgcgta 240
 ctttgagaag ctgaggcggc agatcacttg aggccaggag ttcgagacca gtctcgtcaa 300
 catggcgaaa cctgctcta caaaaaaaaaa aaanaanaaa aaattagcca gacatggngg 360
 cccacatctg tagtcccagc tacttganan gctgaggcat gagaatagct tgacctggaa 420
 nggcaaaggc ttantgancc caaactgngc ctggattcca atnngngnga cccagtgena 480
 tttgtctcaa aaaaangaaa ggaaaaaaga gcccgncgga aggaaggatg gattgangga 540
 aaattgtggc ctccnnnnnaa aggnccaang gccctnangt ttctttgaat agtttccctn 600
 gccnttctta ngggcctnng ccttttttctn nctggcgaa cctaggnatt cacatggggg 660
 ttangacncc gccnctggga naggaagtn ctggaagnnc ncntcccaat ancgnntang 720
 aacgggcngn ggannaattt tttnc 745

<210> 167
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(623)

<223> n = A,T,C or G

<400> 167

accagccact	gcaaaaacat	gccaaattgt	aaagaccatc	gaggctggga	agaaactgca	60
tcaactaacg	agcaaaataa	ccagctaaca	tcataatgac	aggatcaa	tcacacgtaa	120
cactattaac	ctgaaatgta	aatggactaa	attctccaat	taaaagacac	agactggcaa	180
attggataaa	gagtcaagac	ccatcagtgt	gctgtattca	ggagacccat	ctcatgtgca	240
gagacataca	taggctcaaa	ataaaggaat	ggaggaagat	ctaccaagca	aatggaaaac	300
aaaaaaaggc	aagggttgca	atcctagtct	ctgataaaaac	agatttttaa	ccacaaagat	360
caaaagagac	aaagaaggcc	attacataat	ggtaaaggga	tcaattcaca	agaagggcta	420
ctatttctaa	tatatatgca	cccaatacag	gacccccaga	ttcatgaagc	aaatccttga	480
gattncctaaa	ggattaactc	cncncngtat	tatggagact	tncacccact	ntnacctttc	540
ccgatcttgn	cccaaagtac	cnggtttccc	gaattgactn	gtttgncann	gggctattaa	600
tttngaattt	cncccaaaaa	aaa				623

<210> 168

<211> 703

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(703)

<223> n = A,T,C or G

<400> 168

ggtactccct	gtttgctgca	gaatgtcaga	tatthttggat	gttgcataag	agtcctattt	60
gccccagtta	attcaacttt	tgtctgacctg	ttttgtggac	tggtctggctc	tgtagaact	120
ctgtccaaaa	agtgcattgga	atataacttg	taaagcttcc	cacaattgac	aatatatatg	180
catgtgttta	aaccaaattcc	agaaagctta	aacaatagag	ctgcataata	gtatttatta	240
aagaatcaca	actgtaaaca	tgagaataac	ttaaggattc	tagtttagtt	ttttgtaatt	300
gcaaattata	tttttgctgc	tgatatatta	gaataatttt	taaatgtcat	cttgaaatag	360
aaatatgtat	tttaagcact	cacgcaaagg	taaatgagca	cgtttttaa	gtgtgtgtgc	420
taattttttc	cataagaatt	gtaaacattg	actgaacaaa	tacctatatg	gattggta	480
gacttatgag	caantctgctt	ggccagacag	ttaccacaa	tttatatatn	tnngaaggta	540
tacactgnga	aatctctggc	taancgaatg	cntccagggg	taanngggtn	tggtgtggant	600
aaanaatgcc	ctgcaaaaaa	aaaaaaaaaa	aagccttccg	nggccttnaa	nggaatcnnc	660
angggntnn	ggccactggc	cactggnaaa	ngnaacgtct	gga		703

<210> 169

<211> 609

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(609)

<223> n = A,T,C or G

<400> 169

acgtccatct	tccagctgct	tgccagcaaa	gatcagtctc	tgctgatcag	gaggaattcc	60
ttccttatcc	tggtatcttg	cctttacatt	ttctatcgta	tccgagggtt	caacctcgag	120

ggtgatggtc	ttaccagtc	gggtcttcac	gaagatttgc	atcccacctc	tgagacggag	180
caccaggtgc	aggggtggact	ctttctggat	gttgtagtca	gacaggggtgc	gtccatcttc	240
cagctgtttc	ccagcaaaga	tcaacctctg	ctggtcagga	gggatgcctt	ccttgtcttg	300
gatctttgcc	ttgacattct	caatgggtgc	actcggctcc	acttcgagag	tgatgggtctt	360
accaagtcag	gggtcttcacg	aagatctgca	tcccacctct	aagacggagc	accaggtgca	420
gggtggactc	tttctggatg	ttgtaatcag	acanggtgcg	ttcatctttc	actgnttcca	480
caaaaaacaa	cctctgctgg	canganggat	ccttccttnc	ttggactttg	cctgacattc	540
tnatgngta	ctccgctccc	ttcaaaggga	tgncttacan	tcanggnctt	acnaaaattt	600
cntcncctt						609

<210> 170
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 170						
acaaagaaca	tgtagctata	ggaaataata	gtgtaaatag	cagtataata	actggcccat	60
gtaaaataca	aaaatattca	ctgaagtcag	gttttctata	aaacagtgtt	tattagaggt	120
attttactat	gaatcaggca	tataatctga	atgtagaac	ttttagaaat	attaacagca	180
ttcagtcagt	gccatgcact	tgtgcttcca	attatttttt	taaagctgct	ttgttttgac	240
tcatgtgaaa	tagttaaggc	ctacattctt	atacacatta	tccatcttac	aagggttaaca	300
atttttacct	aaaacacagt	ttaaattaaa	aacgattttg	aaaaattaca	tctatatatta	360
atccctaaga	agtgttttaa	gctggtaatg	cagctcgctg	tagctctaag	agagggggtta	420
gtcaggaatc	tgatcttgag	ccataaangg	tttcaggcta	aacaaagaac	aaatttaagt	480
gacagaaaat	attataattn	caataacttc	agtttttttg	tataaaatac	cctgctagca	540
tgccactggc	tatattgngg	gcataatata	aaatgncggg	gggggggatg	gancctccaa	600
gncaaanttt	ggaccaca					617

<210> 171
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 171						
acagtatggg	ggttgtaaat	tggcatggaa	atttaaagca	ggttcttggt	ggtgcacagc	60
acaaattagt	tatatatggg	gatggtagtt	ttttcatctt	cagttgtctc	tgatgcagct	120
tatacgaaat	aattgttggt	ctgttaactg	aataccactc	tgtaatgca	aaaaaaaaaa	180
aagttgcagc	tgttttgttg	acattctgaa	tgcttctaag	taaatacaat	tttttttatt	240
agtattgttg	tccttttcat	aggtctgaaa	tttttcttct	tgaggggaag	ctagctcttt	300
gcttttgccc	attttgaatc	acatgaatta	ttacagtgtt	tatcctttca	tatagttagc	360
taataaaaag	cttttgtcta	cacacctgc	atatcataat	gggggtaaag	ttaagttgag	420
atagttttca	tccataactg	aacatccaaa	atcttgatca	gttaaaaaat	ttcacataac	480
ccacttacat	ttaccaactg	gaagaataat	caatctctca	agcatgggat	tattagaatc	540

aacantttga aagctgtcct tgaaggctaa taaaaaagnt tgtctaact ttcatgagg
 cttnttntta ctnccttaen g

600
 621

<210> 172
 <211> 399
 <212> DNA
 <213> Homo sapiens

<400> 172
 actcaaaatt acacatttgt ttaaataaat atccacacaa attctcagtt acatcaagta 60
 gctggtttat atttagatta tctcaagtag gggggaataa ccatgtgtag gaattcatag 120
 aaaaataaac aatcagctga agagggtctaa gaaaatgctg acttttaaaa tttcacttat 180
 tttccttgaa gttttctacc cttcccatcg atgataaacc aagatcatgt aatggaaaat 240
 ttcaaaccag ggctaaattc taaagtaaag cttcaattca agcccttccc ccaagagaat 300
 taattttcct gattttctct tctctcacat ctaaggagaa catttttaggc agttaaattt 360
 cagaacttca aggtttcatc aggggtcacct ttatgtacc 399

<210> 173
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 173
 actttgtgga taagaaaatg gaggaacaca tctgatggag agtgggcatt tgacaacaat 60
 ggaacaggta acctgcatgt aaaatcaaaa tataagtgtc tttttaagag ctgaaagctg 120
 ctgctgggtca ttcattaatg tgctcagacat ttaatcagga tgctggacct tcaaaataac 180
 tgaaaaaaga accaagaaaa ggcgtttttg ttttcaacaa actttactaa ataaccctgg 240
 aaaggcaatg aacgatctga caatttaagc tctaattgatt taaagctcag ctagaagaaa 300
 gtgaggcatg acatatactg tcaacggagg gtgaaggagg canatttctg gaaatgcaat 360
 gatcccacca tttgcttcaa ngagaaacct gcanacatat tttcangtct tgntaagtna 420
 caactgtnta tttgtaatca atcatttngg aaaagtctgc tatgtaaact angncactgt 480
 gccccnacc accgatgaaa aggaaaaacc cctgacacca ggaaaatcct tccatcctca 540
 aanaaattaa gngaccaacn tttaaagaaa aaaaatnanc ccnctctnt ttacaaatnt 600
 ttcttccaaa tnttcn 616

<210> 174
 <211> 631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 174
 ggtacgcggg gacacgcacg ccgggcgtgc cagtttataa agggagagag caagcagcga 60
 gtcttgaagc tctgtttggg gctttggatc catttccatc ggtccttaca gccgctcgtc 120

agactccagc	agccaagatg	gtgaagcaga	tcgagagcaa	gactgctttt	caggaagcct	180
tggacgctgc	aggtgataaa	cttgtagtag	ttgacttctc	agccacgtgg	tgtgggcctt	240
gcaaaatgat	caagcctttc	tttcattccc	tctctgaaaa	gtattccaac	gtgatattcc	300
ttgaagtaga	tgtggatgac	tgtcaggatg	ttgcttcaaa	agtgtgaagt	caaatgcatg	360
ccaacattcc	agttttttta	gaaagggaca	aaaggtgggt	gaattttctg	gagccaataa	420
ggaaaagctt	gaagccacca	ttaatgaatt	aatctaata	tgttttctga	aaacataacc	480
accattggct	atttaaaact	tgtaattttt	ttaattttcc	aaaattttaa	tttgaanact	540
taaccccant	tgccatntgn	gtgacaataa	aacattatgc	taccnttttt	aaaaaaaaaa	600
aaaaaaaaaa	agtcttgccc	ggcggccctc	a			631

<210> 175
 <211> 261
 <212> DNA
 <213> Homo sapiens

<400> 175						
acgaacctac	agtttttaact	gtggatattg	ttacgtagcc	taaggctcct	gttttgcaca	60
gccaaattta	aaactggttg	aatggatttt	tctttaactg	ccgtaattta	actttctggg	120
ttgcctttgt	ttttggcgtg	gctgacttac	atcatgtgtt	ggggaagggc	ctgccagtt	180
gcactcaggt	gacatcctcc	agatagtgtg	gctgaggagg	cacctacact	cacctgcact	240
aacagagtgg	ccgtcctaac	c				261

<210> 176
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 176						
cgaggctactc	tgcttttttag	gagatgaggt	aagacatata	catagatggc	ttttactagc	60
caaggcaatg	taaatggact	aagattctca	tgtgacttga	ggttatctga	tgaatttatt	120
ctcttcaaaa	ccacctacct	ttagagggca	tgtttaaccc	ctctctttat	tttaaggagg	180
agagaaaaac	acatgtaacc	agaattcaga	gtgggttact	caacctaaaga	gaacatacgg	240
agttctcttt	gggaaaacaa	caagactaca	gtgttcactt	cgcaccatga	agtggcactc	300
ctgttatggc	tgtcagagtc	ctctcacttc	ttatgaaagg	atgcatctga	ttctgaaatt	360
actgatatat	tcgatcagtt	anggatgttt	taaaaagtga	aaacaaatgc	cacacataca	420
ctttctagct	ttcttgaaat	cacccgacac	attccaaaaa	tagagaattc	cctattactt	480
ttagagaaat	ttccatatan	tcttggtnaa	gaanccagtt	gngcntattc	caatttcagg	540
gtcttggttt	ttgcccacaa	ccaagtgttt	ccntntttta	nggcttttca	tggccgattt	600
naaaccttnt	ttgttg					616

<210> 177
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(632)

<223> n = A,T,C or G

<400> 177

cgagggtacag	gtcagagtct	tctttttcttt	tcttttttgag	atggagtcctt	gctctgtttgc	60
cagactggag	tgcagtgggtg	cgatctgggc	tcactgcaat	ctccacctcc	cgggttcaag	120
cgattctcct	gcctcagcct	cccgagtaac	tgggactaca	ggtgtgcgcc	accaagccca	180
gctcattttt	gtatttttag	tanagatggg	gtttcacggt	ggtggctagg	atggtctcga	240
tctctgggtca	gaagtctttt	ctgtaaatat	ccttggtaaa	gaagcaattt	tagactgtag	300
ctgttgcaaa	tgctttaagg	aagaagcaaa	acaactgtca	gtcttctctga	aatgaaaaaa	360
ctacaccagg	gctgctatat	caaagcaacc	ccaaccagca	cttcaatcat	gatgccaca	420
gtggcccccac	tgagaaacca	agaaaagtn	cagatacaaa	actgngatgc	tcttgctatg	480
gnaatatgtc	nggcngtanc	caagttagaa	accaaacaag	cntanggcc	cgtnnttttt	540
tggcgtgatt	ttggcaanaa	aaaaaactgg	gngngtggtg	ngggttccca	ttgtaccccc	600
aaaaaacttn	gggatgggtt	aaagcccng	gc			632

<210> 178

<211> 611

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 178

actttntttt	tttttttttt	tttttttttg	ggatttagtt	tttatttcat	aatcataaac	60
ttaactctgc	aatccagcta	ggcatgggag	ggaacaagga	aaacatggaa	cccaaaggga	120
actgcagcga	gagcaciaag	attctaggat	actgcgagca	aatgggggtg	aggggtgctc	180
tcctgagcta	canaaggaat	gatctgggtg	ttaagataaa	aaacaagtca	aacttattcg	240
agttgtccac	agtcagcaat	ggtgatcttc	ttgctgggtc	tgccattcct	ggacccaaag	300
cgtcccatgg	cctccacaat	attcatgcct	tctttcactt	tgccaaacac	cacatgcttg	360
ccatccaacc	actcaatctt	ggcagtgcag	atgaaaaact	gggaaccatt	tgtgttgggt	420
ccaacatttg	ccatggacaa	aatccangac	ccgtatgctt	taagatgaaa	ttctcatttc	480
aaattttctt	ccataaatgg	acttgccnca	tgccatnttg	ggtgtgaagt	ncnccttgc	540
ncataaccct	ggaatatttt	tgaaacagaa	cctttttacca	atcntttttt	catgttaaaa	600
acnaaaattt	t					611

<210> 179

<211> 611

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 179

acctcaattt	tatcatttta	gagtatttgt	tagaatagga	tctctccaaa	atcaaacagg	60
atcaatctgg	tcacgtctaa	tcctaagaca	aaacactatg	taaaattttt	ctgtatctaa	120
atgttgccct	ctaggtaaat	ctgtgatatt	ttagagactt	tcttttgtgg	aaaaggtaat	180
ctgataaatg	ggaagagatc	atcagacaag	ttcacaata	accattattt	ctgcagaatt	240

cagttgaagt	tggtttttt	taaatgctta	ttgggaattt	ctaaagcact	gacttggaga	300
ggccaagagc	ctccatcaat	ccctgcttgg	atagccactc	ccgttactac	tgctaggtca	360
gggtctacag	atgtgttggg	atcttttcca	aagaactctt	gaatgacttg	acggatccga	420
ggaataccaa	tggagccccc	aactaaaacc	acctcatcaa	tctcagtctt	ttncaggtgg	480
ncttcttcaa	tctcctgaat	gggacctcgg	ccgcancacn	ctanggcgaa	ttccacacct	540
ggcgccgta	ctaattggatc	caactcgnac	caacttgggg	aacatgggcta	gtnttcnngg	600
ggaaatgttt	c					611

<210> 180
 <211> 621
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(621)
 <223> n = A,T,C or G

<400> 180						
acccttaaac	tggcaggaca	tttttgaaat	cacaaatttg	cacataaaga	atgtcacgaa	60
cagccatgta	tccatataca	gcaatcaa	aaggaaactta	tgacctaaag	caaaggtaaa	120
ctttcttgaa	acttaacatt	ctataccaac	taggcaacct	ctgcccagga	tgagagttgg	180
atTTTTTcaaa	aacctcta	ttaatagtgc	agcatttcgt	tttccctgat	ggcctgtgtt	240
tcacagcagt	ttttaaaaa	tgcttgttca	actatagctg	cagcctatat	cccagctatg	300
gaaaaaaaaag	taaatcttag	ttcaattttt	gccagtgtgt	tctgtattta	aatttaaaaa	360
aaaacacact	tccgtggggc	aggttttagag	ggttattatc	aagtctgtgc	ataactaaaa	420
gttcaaagca	aattcaattt	tgcttaangg	aacattgna	aagnacaatt	cttgggnanta	480
catgcctcgt	tgatccattt	naancatana	aaattcaccc	ttgtgtactg	gttcaagaaa	540
aaaaccgatt	tgacagttaa	acatnttaaa	anccccaacc	tntgaagttc	aaccaaaactg	600
ganttttgtt	cctcgcccga	c				621

<210> 181
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 181						
cgaggtacag	accagagaca	aagcaagaga	agaagcagag	actgttggcc	cgggccgaga	60
agaaggctgc	tggcaaaggg	gacgtcccaa	cgaanagacc	acctgtcctt	cgagcaggag	120
ttaacaccgt	caccaccttg	gtggagaaca	agaaagctca	nctgggtggtg	attgcacacg	180
acgtggatcc	catcgagctg	gttgtcttct	tgcctgcect	gtgtcgtaaa	atggggggccc	240
cttactgcat	tatcaangga	aaggcaagac	tgggacgtct	agtccacaag	gaagacctgc	300
accactgtcg	ccttcacaca	ggtgaactcg	gaagacaaag	gcgctttggc	taaactggtg	360
gaagctatca	ggaccaatta	caatgacnga	tacnatgaga	tccccctcct	ggggtggcaa	420
tgtcctgggt	ctaaatctgt	ggcttgtatn	gccaacttcn	aaangcaaag	cttaaaaact	480
tgcncttaac	tngggtnaat	gtactncccg	gcggccgttg	aanggcaatt	caacacattg	540
cggcggtcta	atggntcanc	ttggnccaac	ttgggnaana	tggnaaannn	ttcttgggna	600
atttnn						606

<210> 182
 <211> 610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 182

ggtactcata	aaaaaagtct	tacccccaaa	ttgcaaacaa	atacattaaa	agattagaag	60
aggtgataga	aagcaccaga	cattaaacaa	aataaaaata	ataaaataaa	ttcaactcaa	120
aaggtcccca	ttcagcaaat	actttgtaaa	gtatggcctg	tatgtaaata	gtgctaaatc	180
aaggactttt	tagcagaaaa	ttgctcgggt	cttttatcta	aggcttgaat	ttgtaaagtg	240
aaggcataaa	agttaccaaa	cattaagtaa	ctcttaaaat	ggcacacagg	ttttaaaagt	300
attggttttt	ccttcctaac	tctctgaatt	tttcccatgg	cctttgtaga	tcaactattt	360
caaacgtatt	ttacaccagc	aactctcaac	atacttgtct	ttcagatatg	tcatcagtca	420
tgtctaacag	gccaatagcc	aaataacnga	tttaaaacaa	tncttaacta	gctagcagga	480
cattactttg	gatctgctta	ctgcaactga	ctatttgtaa	gcttaaaatc	antttaatcc	540
tgatacagaa	acctcatctg	cncatacntt	actttggcct	tcaaccttta	aaaatactta	600
atcccccgnc						610

<210> 183
 <211> 608
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 183

cgagggtactt	tttttttttt	tttttttttt	tttttatattt	tttttttttt	tttttttttt	60
tttttttggg	agncagctnt	ttaattaggn	tcttaaaaca	tttaaaacnc	caatttgnga	120
ggataaattc	cattcgctcan	ancaaacnca	aatcgcgagg	anccctggan	ctgaggaata	180
nctttgattt	ttggnaaaat	ttgngagtcc	acagctttnt	gatcaatntt	gcncgtgctcc	240
gnaatctcat	atttctnttt	ttctgngncg	aaaatctcac	cttctcgngg	tnctgggcttc	300
cgcagcttnt	tnnttttgaa	gtaagcatca	ataaaaangtt	ttgggatttt	tacattgctg	360
aaatccattt	tgggtgaagg	ggcaatgaca	aatttntngn	gtnttctttt	taaaagaacc	420
tcattggggg	ccnaaggnc	cncccaaatt	ataaacccct	ttccccctgg	tttangnaaa	480
ccccctttg	ccctgngggg	nccangagga	taaanaaagg	ccccggggaa	gctggcccca	540
ntttttcccg	ccgncgaagg	gttttgccgg	ctaaaanttt	tnnggcattt	nnngggnaat	600
tttggtt						608

<210> 184
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 184

acagccctga	tgcaaagttt	cagagcatga	ccagcaagtg	gccagctgtg	tgggtcaaga	60
tcagctccag	ctgggtctgc	ctcctgcttt	acgtctggac	ccttgtggct	ccacttgtcc	120
tcaccagtcg	ggacttcagc	tgaacctctg	agtgccaaag	acaccactgg	aactcacaaa	180
ggtctccttc	accgaaaacc	catatacctt	ttaagtttgt	ttcaactaaa	atattaagtg	240
aatgctttgc	aagtttgact	gtatgcaggt	ttatatcaag	aaggtgagat	tgaataatgc	300
ttgatgcaga	atcgaaactt	ctcatttatc	tgnatattat	gtttacttct	aaggatatag	360
cacaaagggg	acattttttg	tttaaagtga	actacagctg	tgctgtgaag	agagttcttt	420
ataaagcctg	taggtctttt	aactttgggt	aaaatgtaag	ataggaaaat	gttggatatt	480
tgaggcntgc	ctaatatatt	tatattggag	naccttttna	aagccaaaaa	aaaaaaaaaa	540
aaaaaaaaag	nccttggccg	gaccncccta	aggggaattc	cacncactgg	gggccgtntt	600
atggatccaa	ctcgnaccaa	ct				622

<210> 185
 <211> 614
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 185

acgcgggggac	agtcccaccc	tcacacgatt	ctttaccttt	cacttcatct	tgcccttcat	60
tattgcagcc	ctagcagcac	tccacctcct	attcttgcac	gaaacgggat	caaacaaccc	120
cctaggaatc	acctcccatt	ccgataaaaat	caccttccac	ccttactaca	caatcaaaga	180
cgccctcggc	ttacttctct	tccttctctc	cttaatgaca	ttaacactat	tctcaccaga	240
cctcctaggc	gacccagaca	attataccct	agccaacccc	ttaaacaccc	ctccccacat	300
caagcccgaa	tgatatttcc	tattcgcta	cacaattctt	cgatccgtcc	taacaaacta	360
agaggcgctc	ttgccctatt	actatccatc	ctcatcctag	caataatccc	atccttcata	420
tatcccaaca	acaaagcata	atatttcgnc	cactaagcca	atactttatt	gattctagcc	480
ggagacctct	nantntaacc	tggtatcgag	gaaaccagta	gctacccttt	accaatantg	540
ganaagaaga	tcgnaccttg	gcgggacacc	ttangggaat	tcaaccactg	gnggcggtat	600
atgggacccn	ccng					614

<210> 186
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 186

ggtactgatt	ttaaaaaacta	ataacttaaa	actgccacac	gcaaaaaaga	aaaccaaagt	60
ggtccacaaa	acattctcct	ttccttctga	aggttttacg	atgcattgtt	atcattaacc	120

agtctttttac	tactaaactt	aatggccaa	ttgaaacaaa	cagttctgag	accgttcttc	180
caccactgat	taagagtggg	gtggcaggta	ttagggataa	cattcattta	gccttctgag	240
ctttctgggc	agacttgggtg	accttgccag	ctccagcagc	cttcttgtcc	actgctttga	300
tgacacccac	cgcaactgtc	tgtctcatat	cacgaacagc	aaagcgaccc	aaaggnggat	360
agtctgagaa	gctctnaaca	cacatgggct	tgccaggaac	catatnaaca	atggcagcat	420
caccagactt	naagaattta	agggcatctt	ccacttttta	ccaaaacngn	gaacaatctt	480
tttctttact	taacnaacnt	gcttccatgg	gagccgggng	naatccaatc	aagggcataa	540
cccgggcctt	atttggcnng	atgggtcang	gnaatanccct	gaccaggaaa	cccctgnttc	600
cttgggggga	antttgttgn	nccccac				627

<210> 187
 <211> 256
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(256)
 <223> n = A,T,C or G

<400> 187

ggaccttttt	tttttttttt	tttttttttt	ggaaaagaaa	ggccttacat	atttattact	60
gaatccagcc	aaccaacgtg	ttcataacag	attcagagag	gaaaacacgt	cgaaatctcc	120
anatagtggg	gacattttca	gcttgatgat	gtaacatgat	cgtgaccttc	anacagcata	180
aatatgtgtg	ccatctcatg	tgcaattcct	tatanacca	gcttggttct	tctccaatgt	240
ctccttttgg	agttgt					256

<210> 188
 <211> 523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(523)
 <223> n = A,T,C or G

<400> 188

ggtaccacct	acaccaaca	agtcaatgag	ggacttcttt	ttaatttggg	aggattttga	60
ctgggttttg	aacaataggt	ctattattag	agtcacctat	gacaaaaaat	aggggttacc	120
tagataatgc	caaagtcagc	atttgtcctg	ggttcccttg	tgtgatctgt	ttggactatg	180
ttttcttttc	ttctccact	tgctcagcag	cttgggcttc	cattctagct	cttttaccac	240
gattttttgtg	tgaccatggt	gacttcattt	ggattgccct	ctttcaattt	ccttgtgaaa	300
acacccttaa	ctttctcttt	acccttagct	gaaatgttta	cataacttct	ggtgatatct	360
tttcatgatt	ttatatctct	taaaatgggtg	atggatgtga	cacctcataa	aagtgagctt	420
tgaactgtag	ataactctta	aagaaaatgt	cattttanac	aattaaaata	tttgtgctca	480
aaaaaaaaaa	aaaaaaaaaa	gtcctgcccc	gcggccgctn	aan		523

<210> 189
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 189

acaattttaat	ttttctgctt	gcccagaagaa	caaagcttct	gtggaaccat	ggaagaagat	60
gaaaatgaga	ctggcaaaga	acaaatgctg	aatctgaaga	agaggacaac	tttgggcaaa	120
taatctgcat	acttttaatt	gggaataaga	tggaaaatat	gaatgctaaa	tcaaattttt	180
taaaaaatac	accacacgat	acaactcaat	acaggagtat	ttcttctcaa	attcttctag	240
caccatcaac	attcttcaag	tatctgaaat	actattaatt	aagcaccttt	gtattatgaa	300
caaaacaaaa	caaggacctc	agttcatctc	tgtctaggtc	agcacctaac	aatgtggatc	360
acactcatgg	gaaagtgttt	tgaggtagtt	taaacctttt	ggaagggttg	gttttaaact	420
tcctctctgt	gaagatatca	aaagcccaaa	gtgggtgcaa	atgggttatg	ttttattttt	480
caattttta	ttgggtttct	tccaaagggt	acatttccat	acaaggggaa	gggggtggaa	540
aaaaaatcaa	attttggggg	accagggagg	ataatnaact	gtttgcaatg	cttgacaacc	600
tttttttttt	gnccaantaa	ca				622

<210> 190
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 190

accactaata	gggtgtatct	cagaaactga	attgaaataa	gggaaaatag	gatttttctgt	60
cctgggtttt	gaagattggt	cttgattccc	ttgattccca	ggagagattc	tctgacattc	120
acgtgtcagc	cacttttgga	cggaagcctt	acagtgtggg	gaacccaaac	ttcgtgtctc	180
ctctttcccc	gatgccatca	gcatagactt	gacttcctta	aaccgagagt	tttgatgtgg	240
ccttggaac	cctaaaatca	gctgtgttag	gtaacaaaac	tcaggctttc	tgttgatgac	300
atcgagatgg	tgctacttaa	aagagccaag	attcctgttt	tcagtttgtg	gattcatcct	360
gctgggttta	cttttagtccc	tccatgtcaa	agtgggcctg	agaaaagctc	atacatgcct	420
catgtgaagt	gtccaccccc	tctgaaaatc	tttcttggtc	aaaacancna	cgacatatct	480
tggttaacttt	tacggtgact	tttggangag	gggagtttgg	aaattgtaaa	atgttatana	540
tggtgcctat	ttcctgctga	angaaatggt	ttaaaaaagnn	tntntaancn	taatcnaatg	600
gttggggggg	gaccttctac	cnaanntn				628

<210> 191
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 191

ggtacagccc	tcaatctggt	cttcaagctc	aagaacttca	agacagctgc	cacctttgct	60
------------	------------	------------	------------	------------	------------	----

cggcgcctac	tagaactcgg	gcccgaagcct	gaggtggccc	aacagacccg	aaaaatcctg	120
tctgcctgtg	agaagaatcc	cacagatgcc	taccagctca	attatgacat	gcacaacccc	180
tttgacattt	gtgctgcac	atatcgcccc	atctaccgtg	gaaagccagt	agaaaagtgt	240
ccactcagtg	gggcctgcta	ttcccctgag	ttcaaaggct	aaatctgcag	ggtcaccaca	300
gtgacagaga	ttggcaaaga	tgtgattggg	ttaaggatca	agtcctctgc	agtttcgcta	360
aagccccctt	tgtgtgcac	gggtcaagtca	ccatatgttc	cccccaaaaa	atgtgtctat	420
atctccttct	aacaacacct	tcccctgcac	tactcttcaa	atctngctct	ntgt	474

<210> 192
 <211> 234
 <212> DNA
 <213> Homo sapiens

<400> 192						
acgcgggggt	tgggtgagtgg	gctcctaccg	accgaggttt	aggcagcgcg	gggagctttg	60
cgggttgcca	tttgtaactc	cggatcctaa	aattcctgtc	ctgttctctg	tctcttctag	120
gttggggggc	gtcccgtctc	taaggcagga	agatggtggc	cgcaaagaag	acgaaaaagt	180
cgctggagtc	gatcaactct	aggctccaac	tcgttatgaa	aagtgggaag	tacc	234

<210> 193
 <211> 367
 <212> DNA
 <213> Homo sapiens

<400> 193						
ggtaccaata	ccaccaattt	tgtagacatc	ctggagaggg	aggcgcaagg	gcttgtcagt	60
tggacgagtt	ggtggttaga	tgcagtccag	agcctcaagc	agcgtgggtc	cactggcatt	120
gccatcctta	cgggtgactt	tccatccctt	gaaccaaggc	atgttagcac	ttgggtccag	180
catgttgtca	ccattccaac	cagaaattgg	cacaaatgct	actgtgtcgg	ggttgtagcc	240
aattttctta	atgtaagtgc	tgacttccct	aacaatttcc	tcatatctct	tctggctgta	300
gggtggctca	gtggaatcca	ttttgttaac	accgacaatt	agttgtttca	caccagtggt	360
cccgcgt						367

<210> 194
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 194						
ggtactcttg	gtttgtcaat	gggactttcc	agcaatccac	ccaagagctc	tttatcccca	60
acatcactgt	gaataatagt	ggatcctata	cgtgccaaagc	ccataactca	gacactggcc	120
tcaataggac	cacagtcacg	acgatcacag	tctatgcaga	gccacccaaa	cccttcatca	180
ccagcaacaa	ctccaacccc	gtggaggatg	aggatgctgt	agccttaacc	tgtgaacctg	240
agattcagaa	cacaacctac	ctgtgggtggg	taaataatca	gagcctccgg	tcagtcccag	300
gctgcagctg	tccaatgaca	acaggaccct	cactctactc	antgtcacia	ggaatgatgt	360
aggaccctat	gagtgtggaa	tccanaacga	attaagtgtt	gccacagcga	cccagtcatt	420
ctgaatgtcc	tctatgncca	gacgaacccc	catttcccct	cataccctan	taccgtcaag	480
ggtgaacctt	agctttctgc	atgcagcttt	aaccactgcc	agtttcttgn	tgatgatgga	540

catcacacca cacaagactn ttatttcaca tactgagaan aaagcgact ntactgcagg
cataactanc ngg

600
613

<210> 195
<211> 613
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

<400> 195
acgcggggcgc cagagtcctt gaactctcgc tttcttttta atccccctgca tcggatcacc 60
ggcgtgcccc accatgtcag acgcagccgt agacaccagc tccgaaatca ccaccaagga 120
cttaaaggag aagaagggtga tgggtgaggaa gaggatggag atgaagatga ggaagctgag 180
tcagctacgg gcaagcgggc agctgaagat gatgaggatg acgatgtcga taccaagaag 240
cagaagaccg acgaggatga ctgacagca aaaaaggaaa agttaaacta aaaaaaaaaa 300
aggccgccgt gacctattca cccttcactt tccgtctnaa aatctaaacg tggtcacctt 360
caataaaaag gccccccgcc ccnngggcag tgccccccca aaataaacgc gctttcacca 420
ccaaccaaac atgaaaattt tccacaaggg anggaaaaaa aaccaaactt ccaaggcctn 480
ttttttttta aaatactnng ccgcgaccac cctanggcga attccanacc tggcggccgt 540
nttatggatc cnactcggac caacttgggn aatatggcat antggttctt ggngaaatgt 600
atccctccat tcn 613

<210> 196
<211> 296
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(296)
<223> n = A,T,C or G

<400> 196
gcggngggcnn ggccgacggn ctcacatcatg ttgttcgggtc agcccttccc taattacacc 60
tatecnctac acatacatgc acatagacac acnctgaac nactgaana tatttccttc 120
aggtgtgtgt aaaatatgct gcttggtattg aaattcannt gggattgatt agncaagtan 180
cttganacct cacagtaatc ttcacacttn nccttacaca cctatgcagg catgttggga 240
gcangttaca atgttacttc agccacagc ttattttctat acttgagttc ttaagt 296

<210> 197
<211> 222
<212> DNA
<213> Homo sapiens

<400> 197
acatggagga gaatgaccag ctcaagaagg gagctgctgt tgacggaggc aagttggatg 60
tcgggaatgc tgaggtgaag ttggaggaag agaacaggag cctgaaggct gacctgcaga 120
agctaaagga cgagctggcc agcactaagc aaaaactaga gaaagctgaa aaccagggtc 180
tggccatgcy gaagcagctc gagggcctca ccaaggagta cc 222

<210> 198
 <211> 539
 <212> DNA
 <213> Homo sapiens

<400> 198
 cgaggtacta catatttcag cactaaggcg gttgcttcac tttatatcta tataaaaaaa 60
 gtggtaaaaa tcttttcctt ttgtgcagtt gaacccatcc tacattcaga ttctctcaag 120
 cactaataaa atacttattt gggttgaggaa gatttaaggc aagttcgggc ccttccaaag 180
 gcaactgtgag actccccccc cactccccgt tattgctaca tgtctttata ctcgagtatg 240
 tcacagtaga actggtggaa taagcaaaca cttttttgct agtttataaa gttggaatta 300
 gaaaagcatg ccacatttca gcctgattgc aaagtatgtg gtcatttttt tctttgaagt 360
 tggatgggct acaaccttta tacattctaa gaaaactcat aggatgttcc tcaaactact 420
 tccacagcat caagatcgat ttctgtcaag aaatcatgca atctttcaaa atttacgtaa 480
 acaaggaaaag aaattaatga aataaatatt acatacaatc tcttaaatta agaatttgt 539

<210> 199
 <211> 626
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

<400> 199
 cgaggtacaa gatgtccaaa tattgcgaag atctatttgg ggatctcctg ttgaaacaag 60
 cacttgaatc acatccactt gaaccaggca gggctttgcc atcccccatt gacctcaaaa 120
 gaaaaatact cataaaaaaac aagcggctga aacctgaagt tgaaaaaaa cagctggaag 180
 ctttgagaag catgatggaa gctggagaat ctgcctcccc agcaaaccatc ttagaggacg 240
 ataatagaaga ggagatcgaa agtgcctgacc aagaggagga agctcacccc gaattcaaat 300
 ttggaaatga actttctgct gatgacttgg gtcacaagga agctgttgca aatagcgtca 360
 agaaggcttc agatgacctt gaacatgaaa acaacaaaaa gggcctgggtc actgtagaag 420
 atgagcaggc gtggatggca tcttataaat atgtaggtgc tccactaata tccatncata 480
 tttgtccaca atgatcaact acgcccacct gttaaaggctc aagggttncat gtggcagaag 540
 aaccncatat tcattataca tggcttcttt tatgaatant cggccttggt tcttgaancc 600
 cttgcaatga atttgnaatt ntacca 626

<210> 200
 <211> 618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(618)
 <223> n = A,T,C or G

<400> 200
 actcataaaa aaagtcttac cccaaaattg caaacaata cattaaaaga ttagaagagg 60
 tgacagaaaag caccagacat taaacaaaat aaaaataata aaataaattc aactcaaaag 120

gtccccattc	agcaaatact	ttgtaaagta	tggcctgtat	gtaaatagtg	ctaaatcaag	180
gacttttttag	cagaaaattg	ctcggttcct	ttatctaagg	cttgaatttg	taaagtgaag	240
gcataaaagt	taccaaacat	taagtaactc	ttaaaatggc	acacagggtt	taaagctatt	300
ggtttttctt	tcctaactct	ctgaattttt	cccatggcct	ttgtagatca	actatttcaa	360
acgtatttta	caccagcaac	tctcaacata	cttgtctttc	agatatgtca	tcagtcattg	420
ctaacaggca	aatagcanaa	taacagattt	aaaacaatcc	ttaactant	agcaggacat	480
ttactttgga	ttctgcataa	ctgcaaactg	acatatttgt	aaagctaaaa	atcagtttaa	540
tcntgattac	agaaactcta	tcatgctcat	tacttaacta	ttgnccttca	atcgctattn	600
aaattcactt	aatccaat					618

<210> 201
 <211> 627
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 201						
ggtactaggc	acaatagaac	atacagaaaa	cattgtccct	gctcttgagg	agcttacatt	60
ctaaaagaaa	aaatacacct	tttttaaaat	ggcatttttg	tttgggtgtt	tctgcaaagt	120
acgcggggct	ttttcttttt	gaggaagacg	cggctcgtaag	ggctgaggat	ttttgggccg	180
cacgctcctg	ctcctgactc	accgctgttc	gctctcgccg	aggaacaagt	cggtcaggaa	240
gcccgcncgc	aacagccatg	gctttttaagg	ataccggaaa	aacacccgtg	gagtcggagg	300
tggcaattca	ccgaattcga	atcacccctaa	caagccgcan	cgtaaaaatcc	ttggaaaagg	360
tgtgtgctga	cttgataaga	ggcncanaag	aaaagaatct	canagtgaag	ggaccaagtt	420
ngaattgccta	ccaagacttt	gagaatnact	acgaganaaa	ctccttggtg	tgaaggctca	480
agacgtgggn	tngnttccag	atgagaattc	acaagcgact	tattgacttc	acaagtcctt	540
ntgagattgt	tangctgatt	acttccttna	ntatganccn	ngaatttaag	ngggangtna	600
ccntncagan	gnttagtttna	ctattttt				627

<210> 202
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 202						
actgcttaac	gaaacactat	cagcttggtt	taaattggatc	ttttaaatat	caactgtagc	60
ctgggttggt	aattctttct	aatcttcccc	attactttcg	cctagatttc	ccatagatca	120
acaggcatag	taaaatgcct	catcagaaca	cacttctcca	cacaattcaa	aaagggagct	180
cctgtgggct	caaagcaacc	atcagtcacg	caatgcccat	gatttatctg	aaactgcttc	240
ccaagagaca	ggagtgcaga	tctgagtagc	tgtgctgcc	atacagatag	gttttagcact	300
agatatttag	tgattgtggc	aaggaagaat	cgggtgatgat	gggggtgggtg	ggtgaaggaa	360
gggccagggg	atctgaagga	tcttcagttg	ccttctcctg	cttcttcctc	ctgctggctg	420
ctcgtccana	gggtgaggtt	gtctcgcagc	aactgcatga	tcagcgtgga	gtccttatag	480
gaatcctcgt	ttagtgtgtc	cagctcagct	atggcatcat	cgaaggcttg	tttggctaaa	540

agcangcttg ctcangtgca ttctggatct catagtagaa caccggagaa ntgangggcca
ggcccaaccg gatnggatgc

600
620

<210> 203
<211> 577
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(577)
<223> n = A,T,C or G

<400> 203
ggtacttttt tttttttttt tttttttttt tttttttttt tttttttttt tgaaaaagtc 60
atggaggcca tggggttggc ttgaaaccag ctttgggggg ttcgattcct tccttttttg 120
tctaaatttt atgtatacgg gttcttcnaa tgtgtggtag ggtggggggc atccatatag 180
tcactccagg tttatggagg gttcttctac tattaggact tttcgcttcn aagcgaaggc 240
ttctcaaatac atgaaaatta ttaataattac tgcgtgtaga naaatgaatg ancctacaga 300
tgataggatg tttcatgtgg ggtatgcacg ggggtantcc gagtaacgctc ggggcattcc 360
ggataggccn agaaagtgtt ntgggaanaa agttagattt accccgatga atatgatagt 420
gaaatggatt ttggcgtagg tttgggtctag ggtgtancct gagaataggg gaaatccgtg 480
aatgaaacct cctatgatgg caaatacact cctattgnta ggacataatg ngaagtgagc 540
tacaaccgta atacctgccc nggcngggccc ttannan 577

<210> 204
<211> 629
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(629)
<223> n = A,T,C or G

<400> 204
cgaggacttt gttttttttt ttttttttga gacggagtct cagtctgtca cccaggctag 60
agtgcagtgg cagcacatcg gctcactgca acctccgcct cccgggttca agtgattctc 120
ctgcctcaac ctcccagagta gctgggacta caggcatgtg ccaccacgcc tgactaattt 180
ttgtattttt agtanagatg ggatttcatt atgttggtgca gctggtcttg aacttctgag 240
ctcaggtgat ccacccgcct tagcctncca gagtgttagg ataacaggca tgagccgtcg 300
cgcctggcca aaatagcata atgttttaag aaagtgttacg aatttgtctt gggccacatt 360
naaaaccatc atggggccaag ggttggacaa gctagcctta ggtcatgtca gaatgcaatt 420
taacaggaat ttcaagcnaa acttacaaaa aattaaatcc acaaaaaaaaaa tatcatttgg 480
taaatgcact gnctacacac tttactncta agtccattca accatgacga ccctttacat 540
aaaaattagg gcattctccc aagtctctaaa gatgatttct aaaacattac caangnctaa 600
agtctaattc ccacaaanca ttttttttn 629

<210> 205
<211> 424
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(424)
 <223> n = A,T,C or G

<400> 205

ggtacaaatg	cttttatatt	cagcccctgt	aaagccatca	gatgtttgaa	agttttttaa	60
cacgaaccaa	agggtttaat	tttaagaact	tagctaggaa	tgggtgaaat	cctacccaat	120
taatagagtt	ctgcaaatta	gtaacaaagt	gtaaaatgaa	aggaagggtc	ccttggagat	180
gtgaaattct	tctattgaga	gtcctgtctt	ctttattcaa	gaagtttgta	gccattttca	240
gaattcactc	aagaaccaac	ttcttaattt	agatatcagc	gaacaagtca	tggcaaaaaa	300
tacacaaaga	gaaacaccac	cacatcgaaa	aggatgaaaa	gccagagggtc	caaccagtan	360
gagtgtttgg	gaagcccat	tgccccagac	tgaggcctca	catcgaagtt	ctgcctcccc	420
gcgt						424

<210> 206
 <211> 633
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(633)
 <223> n = A,T,C or G

<400> 206

ggtaccaatg	gtgcctcctg	gaatcaagta	tctttacctt	aggaataacc	agattgacca	60
tattgatgaa	aaggcctttg	agaatgtaac	tgatctgcag	tggctcattc	tagatcacia	120
ccttctagaa	aactccaaga	taaaaggagg	agttttctct	aaattgaaac	aactgaagaa	180
gctgcatata	aaccacaaca	acctgacaga	gtctgtgggc	ccacttccca	aatctctgga	240
ggatctgcag	cttactcata	acaagatcac	aaagctgggc	tcttttgaag	gatttggtaaa	300
cctgaccttc	atccatctcc	agcacaatcg	gctgaaagag	gatgctgttt	cagctgcttt	360
taaaggctct	aaatcactcg	aataccttga	cttgagcttc	aatcagatag	ccagactgcc	420
ttctggcttc	cctgtctctc	ttctaactct	ctacttagac	aacaataaga	tcagcaacat	480
ccctgatgaa	gtatttcaag	cgtttaaatgc	tttgacagtat	ctgcgtttat	ctcacaacga	540
actggctgat	agtgaataac	ctggaaattc	tttcaatggn	gccatcctgg	gtgaacctgg	600
acttgccat	accagcntaa	aacataccac	cgg			633

<210> 207
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 207

ggtacttttt	tttttttttt	tttttttttt	ttagaaacta	tggctcttta	ttttcatgtg	60
gataattcaa	acaaagtcac	tagtagtctt	tgttcaattt	tttttttaaa	aacaaaaaaa	120
ccctcaaata	aaaaatcttg	ggcttaaaaag	aactctatca	caggagcctg	gttggaggat	180
tcctagtttt	atacatgaga	aatagaatgc	agattttctt	gaagagtgtt	taaagaagga	240

atggttagttg	aggggggctta	tttcccaggc	tcaaagtgat	ttaggggtgg	tgtcacagtg	300
ctaggtatag	ggtgatggac	agtgatcact	gccgagggcc	ttggaacgga	tcttgctgtc	360
acacaatgca	ggtaacagag	agtgggacaa	caaaaagtaa	tcaaggcgcc	aaccaacatt	420
cttgatcga	gcattcatat	ataagtccaa	aaggtgtang	cataagggtg	gttgggggtan	480
aagtgcctaa	agctgcaacc	agtggcacan	cctgcagtaa	ttccccgaac	cttggccttt	540
tggggcgta	anccnccatt	cttttggtnc	cctnggggtg	cnaaggcaat	ttttnatgtg	600
cccattgagg	gttcaaacac	aca				623

<210> 208
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 208

acgatgtcta	gtgatgagtt	tgctaataca	atgccagtca	ggccacctac	ggtgaaaaga	60
aagatgaatc	ctaggggtca	gagcactgca	gcagatcatt	tcatattgct	tccgtggagt	120
gtggcgagtc	agctaaatac	tttgacgccg	gtggggatag	cgatgattat	ggtagcggag	180
gtgaaatatg	ccccgcgtac	ttgctttgaa	agattaccta	ctattttatg	ataaaatgta	240
gttgtctcca	gagcttaaat	ataattttgta	aagcacttgg	tttaaatttc	tctctacctc	300
taaacagttt	agcattaagg	gtttctatta	atgacacaga	attattggcc	aagtgttaatt	360
tcttaaaatt	tagcattact	ttaaatagcc	agcatgtaat	acaagtaact	acactacctc	420
atatctacat	gattttcaag	ttgtaatgca	gatggacaga	taaaaaagat	ttacgttgnc	480
ttttggccat	aagtgggaaa	agttttctgn	atattgcata	gcattacaca	tttatgccta	540
ttttacatta	acttctaaag	aagtttttct	aagaaaangg	ttcaggcaat	attttttgag	600
gctgccgaan	aaaaatgant					620

<210> 209
 <211> 624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 209

ggtactggta	caaaaacagg	cacataaacc	aatgaaacag	aatagaaagc	ccagaaataa	60
tgcttcaccc	ccacaacccat	ctgatcttca	acaaaataaa	caaaaacgag	ccatggggaa	120
aggactccct	attcaataaa	tggtgctggg	ataactagtt	aaccatatgc	agaagattaa	180
agctggaccc	cttccttaca	aaataaggag	ctggaccctt	tatacaaaaa	tcaactcaag	240
atggattaaa	gccttaaagt	tgaaactata	aaaccctgga	agacaacata	ggcgattcca	300
ttctagacat	cagaactggc	aaagatttca	tgaggaagac	accaaaagca	attgcaacaa	360
aagcaaaaat	tgacaactgg	gatataatta	agtttaagag	cttctgcaca	gcaaaagaga	420
gactatcagc	agagtaaaca	gaccacctac	agaatgggag	aaaatatttg	caaactatgc	480
atgtgacaaa	ggtctaatat	ctagcatcta	taagtactta	aacaaatttc	aacagaaaac	540
caacacccca	ttaaaaagtg	ggcaaggaca	tgaacaaatg	cctttcaaaa	gaagacatct	600
gcttntacag	tttntgaaac	aaag				624

<210> 210
 <211> 504
 <212> DNA
 <213> Homo sapiens

<400> 210

acgcgggggca	gctagcagat	gcttttaggac	ctagtatctg	catgctgaag	actcatgtag	60
atattttgaa	tgattttact	ctggatgtga	tgaaggagtt	gataactctg	gcaaaatgcc	120
atgagttctt	gatatttgaa	gaccggaagt	ttgcagatat	aggaaacaca	gtgaaaaagc	180
agtatgaagg	aggatatctt	aaaatagctt	cctgggcaga	tctagtaa	gctcacgtgg	240
tgccaggctc	aggagttgtg	aaaggcctgc	aagaagtggg	cctgcctttg	catcgggggt	300
gcctccttat	tgcggaaatg	agctccaccg	gctccctggc	cactgggggac	tacactagag	360
cagcgggttag	aatggctgag	gagcactctg	aatttgttgt	tggttttatt	tctgggtccc	420
gagtaagcat	gaaaccagaa	tttcttcact	tgactccagg	agttcagttg	gaagcaggag	480
gagataatct	tggccaacag	tacc				504

<210> 211
 <211> 619
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 211

accatgaaat	atccagaaca	tacttatatg	taaagtatta	tttatttgaa	tccacaaaaa	60
acaacaaata	atttttaaat	ataaggattt	tcctagatat	tgcacgggag	aatatacaaa	120
tagcaaaatt	gaggccaagg	gccaagagaa	tatccgaact	ttaatttcag	gaattgaatg	180
ggtttgctag	aatgtgatat	ttgaagcatc	acataaaaaat	gatgggacaa	taaattttgc	240
cataaagtca	aatttagctg	gaaatcctgg	atTTTTTTct	gttaaactctg	gcaaccctag	300
tctgctagcc	aggatccaca	agtccttggt	ccactgtgcc	ttggttttctc	ctttattttct	360
aagtggaaaa	agtattagcc	accatcttac	ctcacagtga	tgttggtgagg	acatgtggaa	420
gcactttaag	ttttttcatc	ataacataaa	ttattttcaa	gtgtaactta	ttaacctatt	480
tattatttat	gnatttattt	aagcatcaaa	tatttgtgca	agaatttgga	aaaatagaag	540
atgaatcatt	gattgaatag	tattaagatg	tatagtaa	tatttatttt	ananattaaa	600
ngangtttat	taganaaan					619

<210> 212
 <211> 479
 <212> DNA
 <213> Homo sapiens

<400> 212

cgaggtacaa	agcagcaact	gcaatactca	agggttaaaac	attagaaaag	catttgtgtg	60
acaggtatat	tacagtatta	tcaaaatatt	acatttttcag	acttacttag	cagataatca	120
tccaccagag	cttaaactct	taaattattt	ccatagtctt	aaaaaatatg	taatgtcaga	180
atgcatataa	aaagaatgta	aaaggaaacc	taaaatacaa	atggaataat	gtaacaaata	240
aatatttgat	ttcagtaact	gttaataatc	agctcaacac	caccaattctc	tctaaactca	300
atttaattct	tataggaata	atgaactgtc	aaatgccatg	gcataattat	ttatttccaa	360
gctatcatca	atgattagaa	ctaaaaaaat	tttggcataa	aaaaatcaca	attcagcata	420

aataaaagcta ttttttagctt caacactage tagcatctct aagaattggt gaaataagt

479

<210> 213

<211> 487

<212> DNA

<213> Homo sapiens

<400> 213

actgtttact	gcctgggcac	tatactttct	atgcagatct	cctttgtggg	tttccagcct	60
gtcctttcat	cagagcacat	ggcagccttt	ggggctcttg	gtctctgcca	gatccatgcc	120
tttgtggatt	acctgcgcag	caagttgaat	ccacaacaat	ttgaagttct	tttccggagc	180
gtcatctctc	tggtaggctt	tgtcctttct	accgtgggag	ctctcctcat	gctgacagga	240
aaaatatctc	cctggacggg	gcgtttctac	tcactgctgg	atccctctta	tgctaagaac	300
aacatcccca	tcattgcttc	tgtgtctgag	catcagccca	caacctgggc	ctcatactat	360
tttgacctgc	agctcctcgt	cttcatgttt	ccagttggcc	tctattactg	ctttagcaac	420
ctgtctgatg	cccggatttt	tatcatcatg	tatgggtgtga	ccagcatgta	cctcggccgc	480
gacacgc						487

<210> 214

<211> 393

<212> DNA

<213> Homo sapiens

<400> 214

cgaggtacaa	tatgctgcag	cataatttgt	caggccaacc	ttcacaccat	attttggcag	60
ttcgtgtgca	tacgctgcgc	agactatcat	atccccctct	atacgggcat	aagcaatctg	120
acaaatgata	tctctgtttg	tcacacgaac	tatcatcctg	tatttgggtg	tgttgtatatt	180
atttttatct	tgtatcacca	agcgtttccg	agcataataa	tcagttttac	cctctcgtcg	240
tcttctaaat	ttcacttggt	atctcttaaa	gtaggcctta	ttcttaacaa	ctttaacaaa	300
ccccatcctg	cggaacagag	accggcgctc	gctgctcgac	agagacctgc	aggcccagcg	360
gcgctagggg	gtgggaaaag	ggccaccccc	cgt			393

<210> 215

<211> 615

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (615)

<223> n = A,T,C or G

<400> 215

ggtacagtaa	caagtgttgg	cattatcagt	tgaactgtaa	atacaaaatg	cttcttccaa	60
ttagtctcta	tgatgattaa	gtttctaaaa	tttatctgaa	caccattcag	aaacttggtt	120
tggggaattt	gatagttatt	gatgtgcac	tggttaaactg	atgacagaca	taactcatca	180
ttccccagaa	accttttttg	attacagtat	ctaacatttt	gcctcctctt	ttttggtttt	240
gctgggtata	aaggtttggg	ttggagaggg	ctcactggat	cccaatcctt	ggagctggat	300
cattggattc	aatcataat	gtggatagga	tagggaggat	gaattaccag	gattcatgga	360
gcgggatcag	attaccagga	acataggagt	ggattcctgc	ccaaccaaac	ccgcattcgt	420
gtggattttt	ttattcaact	taattggcta	ttccaaagat	ttttttttcc	tatttttgac	480
gaatggagcc	cttaagatgc	acgatggaat	tgggtttgcg	tttttggtaa	aaggacaaa	540
ccaggcctgg	agataacgct	ggagcaatct	cntggaagga	ttagccccaa	ttgatgggaa	600

<210> 216
 <211> 322
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(322)
 <223> n = A,T,C or G

<400> 216
 ggtacttttt tttttttttt tttttttttt ttttttggag ttgtaggcaa atgtttaatt 60
 aattctgctc atatgcacat ctgaaagcat gagacacact ccacagacag cacgcactgg 120
 ggctggtggg gcanatgggc actcgccgat taggtattaa tgtcaataat acgtgcataa 180
 agtgctgata aaataactta agtggtacaa aaagagacag tccacggtgg ctgcaggcac 240
 atgcaggcgg gactgggtca aacactccag ggctgcacat gttccagctg gcctgagtc 300
 gacacgtcat aactggcctt gt 322

<210> 217
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 217
 acgcgggggg aagtgagcga cacactctgc gtcctcgct caccagagtc ttgctgtgtg 60
 gcccaggctg gagtgcccgg ctggtctcaa attcctgacc tcaagtgatc tcctcccaa 120
 agtggtgaga ttgcagggtg gagccactgc acctggctgc tgagaaatct ttgcctacag 180
 tgagggaac tactaaagt cctggggaag caaagtaaga atttcataag aacaaaatgg 240
 atggagagga gaaaacctat ggtggctgtg aaggacctga tgccatgtat gtcaaattga 300
 tatcatctga tggccatgaa ttattgttaa aaagagaaca tgcattaaca tcaggcacga 360
 taaaagccat gttgagtggc ccaagtcaat ttgctganaa cgaaaccaat gaggncatt 420
 ttagagagat ccttcacatg tgctatcgaa agtattcatg nattttacgt acctggggcc 480
 gcgaccacct taaggccaat tncacacact ggcnngccgt actantggat ccnactngga 540
 ccaacttggc gtaatcatgg catactggtt cctggggaaa atgtatccgt tacaattcnc 600
 acacan 606

<210> 218
 <211> 618
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(618)
 <223> n = A,T,C or G

```

<400> 218
ggtacttttt tttttttttt ttttttttga gacggagttt ggcccttggt gccagggctg      60
aagtgcaata gtgcgatctc ggctcactgc aacctccacc ttccgtgttc aaccgattct      120
cctgcctcag cctcctgagt agctgggatt acagatgaaa aaacatttaa agcccttaag      180
gaagaaggaa atcaatgtgt aaatgacaaa aactataaag acgccctcag taaatacagc      240
gaatgcttaa agattaacaa taagggaatgt gccatatata caaacagagc tctctgttac      300
ttgaagctgt gccagtttga agaagcaaag caggactgtg atcaggcact tcagctagct      360
gatgggaacg tgaaagcctt ctatagacga actctggctc ataaaggact caagaattat      420
cagaaaagct taattgatct caataaagtt atcctactag atccaagtat tattgaggca      480
aagatggaac tggaagangt aactagactc ctaatcttaa ggataagaca gcaccattca      540
acaaagaaaa ggagagaagg aaaatgagaa tcaagaggng aatgaaggca ngaggancct      600
ggaaaacctg aggggagg                                     618

```

```

<210> 219
<211> 613
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(613)
<223> n = A,T,C or G

```

```

<400> 219
ggtacaaagc ggatctgagc ccggaaaatg ctaagctcct cagcacattc ctaaatacaga      60
ctggcctaga cgccttcctg ctagagctgc acgaaatgat aatcttgaaa ctaaagaacc      120
cccaaaccce aaccgaggag cgcttcgcc ctcagtggag cctgagagac actctcgtaa      180
gttacatgca aactaaagaa agtgaaatc ttcttgaaat ggtatctcag ttcccagaag      240
agatactgct cgccagctgt gtctcagtgt ggaaaacagc tgctgtgctg aaatggaatc      300
gagaaatgag atagaattat ttctcagct atctttggat gactttggag agaagactcc      360
tctctcctcg tctgcggcgt ggacttgatc atggactggg gcctttgcat tcagaaggag      420
agctgtcagc gtagcaccga attcaagacc aaggcgtgct acctgagctg acagcttttt      480
gaaagccgag ctggttctga accatgtcct gccengcng gcgctcgaaa gggcgaaattc      540
agccactggc ggccgtacta ntggatccga actcggacca aacttggcgt aatatgggca      600
tactggttcc tgg                                     618

```

```

<210> 220
<211> 616
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(616)
<223> n = A,T,C or G

```

```

<400> 220
ggtacgcggg ggcagccgcg gtgttggtgct gtggggaagg gagaaggatt tgtaaaccce      60
ggagcgaggt tctgcttacc cgaggccgct gctgtgcgga gacccccggg tgaagccacc      120
gtcatcatgt ctgaccagga ggcaaaacct tcaactgagg acttggggga taagaaggaa      180
ggtgaatata ttaaaactcaa agtcattgga caggatagca gtgagattca cttcaaagtg      240
aaaatgacaa cacatctcaa gaaactcaaa gaatcatact gtcaaagaca ggggtgtcca      300
atgaattcac tcaggtttct ctttgagggt cagagaattg ctgataatca tactccaaaa      360

```

gaactgggaa	tggaggaaga	agatgtgatt	gaaagtttat	cangaacaaa	ccggggggtca	420
ttcaacagtt	tanatattct	ttttaatnnt	ttcttttncc	tcaatccttt	tttattttta	480
aaaatagttc	ttttgtaatg	tggtgtcaaa	acggaattga	aaactggcac	cccacctttt	540
gaaacatctg	gtaatttgaa	tctaattgctc	attatcatta	tggttggttt	cattggcnga	600
atthttgggga	tcaanc					616

<210> 221
 <211> 615
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 221						
ggtacagtga	tagtcccccc	tgggcaatac	aatacaagaa	cagtgggttt	tgtcaaattg	60
gaacaaggaa	acagaaccac	agaaataaat	acattgggta	acatcagatt	agttcaggtt	120
acttttttgt	aaaagttaaa	gtagagggga	cttctgtatt	atgctaactc	aagtagactg	180
gaatctcctg	tgttcttttt	tttttaaatt	ggttttaatt	ttttttaatt	ggatctatct	240
tcttccttaa	catttcagtt	ggagtatgta	gcatttagca	ccactggctc	aatgcgctca	300
cctaggtgag	agtgtgacca	aatcttaaag	cattagtgtc	attatcagtt	accaccattt	360
ggggctttta	tccttcattg	gttatgatgc	tctcctgatg	acacatttct	ctgagttttg	420
taattccagc	caaagagaga	ccattcacta	tttgatggct	ggctgcatgc	agacatttaa	480
agctttttaga	gaatacacta	caccagggag	tatgactact	antatgacta	ttagganggt	540
aatacccaga	attggactcg	caccttaggc	aagatccaac	cactaaattg	aataagaatg	600
agtn gatgag	gtnc					615

<210> 222
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 222						
ggtacttttt	tttttttttt	tttttttttt	ttttaattta	tgatttttatt	gncttttcctt	60
tgtccggcct	ttaacatgtt	tctgtaattt	aaataaaaaat	ctattttactt	tctccattttt	120
agcaaatggg	ttcttttacc	aaataggttg	cactatagtc	cccatatggg	tttctactgn	180
tccacaacca	ctatttcaca	aagattgaca	aaacttttaat	aaaagttaaa	tttacagaca	240
tcttaagata	acttgggaaa	tatgtagtaa	aaaagaatcg	agtccacaaa	ttaagaatat	300
tttgctaata	tgcccaacac	caatttcagc	aaatccaatc	tacttaactc	atatatttaa	360
tgnggtaatt	tttctaacaa	aatttaaatg	gggtatgaat	gatataattt	tgcccttgac	420
aaagatgaca	tgtgtgattt	tggtgngact	aanaaaggag	aagtatgatt	tctggngggg	480
atganatcac	tctggctcat	cgaagctcca	gaatatgtaa	gggtctgnca	cgtccaaaaa	540
tgtaggcna	atgtataaaa	ggccaccggg	ctnacacacg	ttttatatac	aaactttngn	600
agtcctttta	tntcata					617

<210> 223

<211> 470
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(470)
 <223> n = A,T,C or G

<400> 223

ggtaccacaa	ctgtgccctt	gataattagt	aatcactcct	aaaaatcttc	atttggcacc	60
agatggtgtg	tttaaaacac	cctaggatgt	tttgaatcag	gcttgatttt	gttagttgag	120
ttacaggaga	attttaaggg	tgagggtatg	ggggtcaggg	aagaaaagga	aatgggaaat	180
ggaccagaaa	aaatcttgag	tcatcatcta	aatcaacaaa	gcactgatag	ctccaaatat	240
taggtcagac	actaaaacga	ctgatatagg	ctcaagtgg	ttataaaacc	tataaaaaga	300
ctacaccagc	aaagtccttg	tcaatctgtc	agagttcaga	aactaaaaca	gggagtaaca	360
tttttagctta	aaaccttatc	tcaagagaat	catatacact	tcacatgaat	aaaaatacct	420
gaaaccaaac	atttttataaa	gctccagtc	tgcccggtcc	ggccgctcga		470

<210> 224
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 224

gcgtggncgc	ggccgacgtn	ctcttttttt	tttttttttt	ttttttgcnn	actaaaaatn	60
ngattgctct	ttaaagcctt	aggccgnatg	acaaaatgan	nagactgaaa	tgacancggg	120
gaggaagaaa	cagannaaag	ataagaatga	ggtgggtcagg	ttgggggaat	taagcgaata	180
ttcncttcen	nggtgagtc	tnacactgg	ctcatgccca	tgatgagttg	cacaccaaac	240
acnggctgnt	gacttncttc	ctgcnctant	cagtgaactt	gcngacatng	ggnancctca	300
cattacagnt	ataanntttc	cacctaaaaa	atgctgcgct	tttcgacngg	ctcnnncagn	360
ggccggggct	tgacatggng	gaanggattt	ctctcccatg	ccaaggaatt	catcacatca	420
ctgntactcc	actgncaacc	ttntccattg	ggctcngtgc	cctgtgtngg	gtcatggacc	480
cantccanaa	ntatgaatac	tgtaccatgc	tcttaaccag	gaggaccta	ggatccttag	540
ncccntgagn	nanacaccag	gnttcaaagg	ccgttttggg	aagccaaatt	tgnttnggnc	600
cgaattnggg	ccaaacangg	tt				622

<210> 225
 <211> 619
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(619)
 <223> n = A,T,C or G

<400> 225

acgcggggag	ttccgccatg	gcctccttgg	aagtcagtcg	tagtcctcgc	aggtctcggc	60
gggagctgga	agtgcgcagt	ccacgacaga	acaaatattc	ggtgctttta	cctacctaca	120
acgagcgcga	gaacctgccg	ctcatcgtgt	ggctgctggt	gaaaagcttc	tccgagagtg	180
gaatcaacta	tgaaattata	atcatagatg	atggaagccc	agatggaaca	agggatgttg	240
ctgaacagtt	ggagaagatc	tatgggtcag	acagaattct	tctaagacca	cgagagaaaa	300
agttgggact	aggaactgca	tatatctcatg	gaatgaaaca	tgccacagga	aactacatca	360
ttattatgga	tgctgatctc	tcacaccatc	caaaatttat	tcctgaattt	attagcccgt	420
ggggccaatt	ttttaactca	natcttgctg	agaccaggag	catctgattt	aacaggaagt	480
ttcagattat	acccgaaaaa	gaagttctag	agaaattaat	agaaaaatgt	ggttctaaag	540
gctacgtctt	ncaaattggag	atgattgggtc	nggcaagaca	gttgaatatt	ctattggcga	600
ggttccatat	canttgngg					619

<210> 226
 <211> 277
 <212> DNA
 <213> Homo sapiens

<400> 226						
acgcggggcc	cctcatttac	ataaatatta	tactagcatt	taccatctca	cttctaggaa	60
tactagtata	tcgctcacac	ctcatatcct	ccctactatg	cctagaagga	ataatactat	120
cgctgttcat	tatactact	ctcataaccc	tcaacaccca	ctccctctta	gccaatattg	180
tgctatttgc	catagtagtc	tttgccgcct	gcgaagcagc	ggggggccta	gcctactag	240
tctcaatctc	caacacatat	ggcctagact	acgtacc			277

<210> 227
 <211> 328
 <212> DNA
 <213> Homo sapiens

<400> 227						
ggtacatatt	tttgccaatg	ctatacagca	aaaatgaaaa	acttacagaa	aggtaaacaa	60
aattgagtc	acttttttaa	tttcacaagc	tgcttttaac	tatagaacca	ccagatatct	120
gtaaaataag	caaaactggt	aagtgtgttt	ttttaattga	gggaaggagg	gccagaggag	180
ttggtgcaga	agcgcttcgg	gtgaattcat	accagagcca	ccgggtgtga	ctcggctacc	240
tctcccaatt	accacaggga	ggtcttaaaa	ttgaatttca	gtttcagcag	atactccaga	300
tttacctgag	caatatcata	gacaatgt				328

<210> 228
 <211> 609
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 228						
acgcggggag	tcaagcagat	gtatggctaa	ccggaaacag	gtgggtcacc	tcctgcaaga	60
agtggggcct	cgagctgtca	gtcatcatgg	tgctatcctc	tgaaccctc	agctgccact	120
gcaacagtg	gcttaaggg	gtctgagcag	gagaggaaag	ataagctctt	cgtggtgcc	180
acgatgctca	ggtttggtaa	cccgggagtg	ttcccagggtg	gccttagaaa	gcaaagcttg	240
taactggcaa	gggatgatgt	cagattcagc	ccaaggttcc	tcctctccta	ccaagcagga	300

ggccaggaac	ttcttttgac	ttggaaggtg	tgcggggact	ggccgaggcc	cctgcaccct	360
gcgcacagc	actgcttcac	cgtcttggct	gagaaaggga	aaagacacac	aagtcgcgtg	420
ggttggagaa	gccagancca	ttccacctcc	cttccccaac	atctctcana	gatgtgaaac	480
cagatctcat	ggcaacnaag	ccctntgcaa	gaagctcaag	gaanctaagg	aaaatggacg	540
ttttcagana	atggtttag	ttcatgggtt	ttncctactg	ccgggtcctt	tcttangacc	600
cgcanaant						609

<210> 229
 <211> 610
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

FEATURE <400> 229

ggtacttttt	tttttttttt	tttttttttt	gcagactaaa	aattttattg	ctcttttaaag	60
ccttaggccg	tatgacaaaa	tgaagagact	gaaatgacag	cggggaggga	gaaacagaag	120
aaagataaga	atgaggtggg	caggttgggg	gaattaagcg	aatattctct	tccaggggtg	180
gtcctcacac	tgggtctcatg	cccattgatga	ggtgcacacc	aaacacaggc	tgctgacttc	240
cctcctgcac	tagtcagtga	acttgcagac	atagggtaac	ctcacattac	agttataatc	300
tttccacctc	agaaatgctg	tgcttctcga	caggctcgca	cagtggccgg	ggcttganat	360
ggtggaggga	tttctctccc	atgcaaagta	attcatcaca	tcaactgntac	tccactccca	420
acettctcca	ttgggctcgg	tgccctgtgt	ggggctcatg	acccaatcca	acgtatgant	480
actggtacca	atgctnttac	cagggaggac	acnaaaggat	cccttaccac	ctgagcacag	540
acccnaggtt	tcaaanggcc	gttttggcag	gccaaactgn	atntgnccag	aatttgngga	600
caaaacaagg						610

<210> 230
 <211> 346
 <212> DNA
 <213> Homo sapiens

<400> 230

ggtcggccga	ggtaccatgc	actgagtgac	tgtggggatc	atgttgttat	aatgaacaca	60
agacacattg	cattttctgg	aaacaaatgg	gaacaaaaag	tatactcttc	gcatactggc	120
taccaggtg	gatttagaca	agtaacagct	gctcagcttc	acctgaggga	tccagtggca	180
attgtaaaac	tagctattta	tggcatgctg	ccaaaaaacc	ttcacagaag	aacaatgatg	240
gaaagggttg	atctttttcc	agatgagtat	attccagaag	atattcttaa	gaatttagta	300
gaggagcttc	ctcaaccacg	aaaaatacct	aaacgtctag	atgagt		346

<210> 231
 <211> 601
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(601)
 <223> n = A,T,C or G


```

<400> 231
ggtagcgagg gagagcacat ccggtggttag aagcgctggg aggccttgga gaggcggggtt 60
aggaagagtg gagactgctg cacggactct ggaaccatga acatatttga tcgaaagatc 120
aactttgatg cgctttttaa attttctcat ataaccccg caacgcagca gcacctgaag 180
aaggtctatg caagttttgc ctttgtatg tttgtggcgg ctgcaggggc ctatgtccat 240
atggtcactc atttcattca ggctggcctg ctgtctgcct tgggctccct gatattgatg 300
atttggtga tggcaacacc tcatagccat gaaactgaac agaaaagact gggacttctt 360
gctggatttg cattccttac aggagttggc ctgggcccctg cctggagttt tgnattgctg 420
tcaacccac atccttccac tgctttcatg ggcccgaat gatctttacc tgcttaacct 480
taatgcactc tatccaagcg ccgtactcct tttctgggag gatcttgatg tcagcctgaa 540
cttggtgctt gcttcctggg gaatgtttct ttggatccat tggtttttca gonaactttt 600
t 601

```

<210> 232

<211> 390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(390)

<223> n = A,T,C or G

<400> 232

```

actttttttt tttttttttt tttttttttt ttggttttaa tgtttatttc cccaagacag 60
cctagcctgc actctacttg gataaatttt acaagctagt tttctgctgc ttctagtttt 120
aaactttaac catgtttctg atgacaagga atgctgcaaa aatactctag ttcaacaaag 180
agttatgac acaaaataat ttttatccat tctacagtgt ttcanaatta ccagttgatt 240
tttaaacaca aagtagatat agatgcta atggtggcta ctgggatgtt tcttatagca 300
aactgttggt catgcaacac ttgtgctcaa aggggaaggg acaggatttc ctacaatgag 360
ccaccttata aagagttctt tttgnacctn 390

```

<210> 233

<211> 603

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(603)

<223> n = A,T,C or G

<400> 233

```

cgaggtacgc gggggaagag tgagggttcc aacttttctg cttatctggg aggtggtggg 60
cgcgacaat cgagatgtca gagaaaaagc agccggtaga cttaggtctg ttagaggaag 120
acgacgagtt tgaagagttc cctgccgaag actgggctgg cttagatgaa gatgaagatg 180
cacatgtctg ggaggataat tgggatgatg acaatgtaga ggatgacttc tctaatacgt 240
tacgagctga actagagaaa catggttata agatggagac ttcataagcat ccagaagaag 300
tggtgaagta acctaaactt gacctgctta atacattcta gggcagagaa cccaggatgg 360
gacactaaaa aaatgtgttt atttcattat ctgcttggat ttatttgtgt ttttgtaaca 420
caaaaaataa atggtttgat ataagaaaaa annnnnnnna aaaaaaaagt nctggccngg 480
cggccgttca aanggccaat tccaccact ggccggccgt ctaanggacc aacttggncc 540
aacttgggga atcanggcaa actggttctt ggngaaatgg ntcccttcc aattccccaa 600

```

atnaga

<210> 234

<211> 616

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 234

cgaggtacct	tcattgcat	caaaccagat	ggggtccagc	ggggtcttgt	gggagagatt	60
atcaagcgtt	ttgagcagaa	aggattccgc	cttggttggtc	tgaaattcat	gcaagcttcc	120
gaagatcttc	tcaaggaaca	ctacgttgac	ctgaaggacc	gtccattctt	tgccggcctg	180
gtgaaataca	tgcactcagg	gccggtagtt	gccatggtct	gggaggggct	gaatgtggtg	240
aagacgggcc	gagtcacgtc	cggggagacc	aacctgcag	actccaagcc	tgggaccatc	300
cgtggagact	tctgcataca	agttggcagg	aacattatac	atggcagtga	ttctgtggag	360
agtgcagaga	aggagatcgg	cttgtggttt	cacctgagg	aactggtaga	ttcacggaac	420
tgtgctcana	actggatcta	tgaatgacag	gaaggcagac	ccattgnttt	tcacatncat	480
ttcccttant	tccattgggc	aaaggaccag	ctttnggaaa	tctantnttt	accnggacct	540
tattcttaat	ttgganggaa	actnttggac	tttgangtnt	tcctntacct	ngcccgggng	600
gccgttttaa	agggna					616

<210> 235

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 235

acgcggggag	tgcgttactt	acctcgactc	ttagcttgct	ggggacggta	accgggaccc	60
ggtgtctgct	cctgtcgctt	tcgcctccta	atccctagcc	actatgcgtg	agtgcacctc	120
catccacgtt	ggccaggctg	gtgtccagat	tggcaatgcc	tgctgggagc	tctactgcct	180
ggaacacggc	atccagcccg	atggccagat	gccaagtgc	aagaccattg	ggggaggaga	240
tgactccttc	aacaccttct	tcagtgcagc	gggcgctggc	aagcacgtgc	cccgggctgt	300
gtttgtagac	ttggaaccca	cagtcattga	tgaagttcgc	actggcacct	accgccagct	360
cttcaccctg	agcagctcat	cacaggcaag	gaagatgctg	ccaataacta	tgcccgangg	420
cactacacca	ttggcaagga	gatcattgac	cttgngttgg	acccaattcc	aaacctggct	480
gaccatgcac	cgggctttan	ggnttnttgg	gttttcccaa	antttggggg	ggaactgggt	540
ttgggttaac	ttcctgntna	tggnacgntt	ttaaatgaat	ntgggaaaaa	tccaactggg	600
gntttcc						607

<210> 236

<211> 608

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(608)
 <223> n = A,T,C or G

<400> 236

acgcgggcat	gcaacaccac	acccagcctg	aaacccagat	ttttaatatg	aaatcaaagt	60
cttcagacct	tgtaggtgtc	ataaaaagca	cgctgaggac	cactagtttg	caactgccaa	120
tctaaaatat	catagacatt	atatcacttc	aaccacgaaa	aaaaagtatg	tgaggcagaa	180
aatggaagca	accatgccta	atattattgtt	gaatactttt	tccgtatacc	aagagcttcc	240
tttgactag	catctgaaac	tatatccaga	atgacactgg	ttttcataaa	agtgttgatc	300
ctcacacctc	tttatagtct	tgcacctagc	acagtggagt	gaaacacttt	aaatagcact	360
tgntccttga	gtatatatgg	aaaaaagtga	agtattgata	aagtgtctca	ctaatatgag	420
cagcatctca	ggagtctcca	attccttgaat	taccagggag	tatttttacc	attttcccca	480
ntgnaaggcc	ttttttgaga	nacttaccct	caaatngaan	gnnttaagca	tgntcctttt	540
tttttccttt	tttttttgan	aaaagggctt	gctntgtggc	caggttggan	tgctacntg	600
aaaattcn						608

<210> 237
 <211> 609
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

<400> 237

actattttcat	atattgtgtg	agccccacaa	atgtctattt	taaaaagagt	atagtccttg	60
gccaggcgcg	gtggctcacg	cctgtaatcc	cagcagtttg	ggaggccgag	gtgggaggat	120
cacctgaggt	ctggagttcg	agaccagcct	gaccaatatg	gtgaaacccc	gtttctacta	180
aaaatacaaa	attagctggg	catggtggag	catgcctgta	atcccagcta	ctcgggaggc	240
tgaggcagga	gaatcacttg	aaccgaggag	gcgaaggctg	cagtgaagcca	agatcacgcc	300
attgcactcc	agcctgagca	acaagagggg	cactccgtcc	ccaaaaaaaa	aataataaaa	360
aaaataaaaa	ataaaaaata	aaagagtata	gttcccaatg	ggttctacaa	acattcctga	420
tttatactgg	gggaagtgat	gcctaantgg	gaacattaat	cattatgggt	tcgaaaatta	480
aatattttctg	caaacaattc	ctttgcaa	gtaacttgc	catgagctta	ccccatttga	540
aattgngnct	ttacaaagac	cttggccgga	ccccttangg	ngaattcagn	cactggnggg	600
cgttccttg						609

<210> 238
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 238

acgaggcggt	gcgggaagtc	ctgcacggga	accagcgcaa	gcgccgcaag	ttcctggaga	60
------------	------------	------------	------------	------------	------------	----

cggtggagtt	gcagatcagc	ttgaagaact	atgatcccca	gaaggacaag	cgcttctcgg	120
gcaccgtcag	gcttaagtcc	actccccgcc	ctaagttctc	tgtgtgtgtc	ctgggggacc	180
agcagcactg	tgacgaggct	aaggccgtgg	atatcccca	catggacatc	gaggcgctga	240
aaaaactcaa	caagaataaa	aaactgggtca	agaagctggc	caagaagtat	gatgcgtttt	300
tggcctcaga	gtctctgatc	aagcagattc	cacgaatcct	cggcccaggt	ttaaataagg	360
caggaaaagt	tcccttccctg	ctcacacaca	acgaaaacat	ggtggccaaa	agtggatgag	420
gtgaagtcca	caatcaagtt	ccaatgaaga	aggggtatgt	ctggcttgta	acttggtggt	480
cagctgaaga	tgacngacga	tgacttgngt	ataacattna	nctgggctgg	caacttcttg	540
gggcaatgnt	caanaaaact	ggcaaaatgt	ccgggccttt	tttttagagc	cccttggnaa	600
acccangcc	ntttta					616

<210> 239
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 239

acagtctgtt	cgagaacacc	ttgggtcatga	aagtgacaac	ctgctgtttg	ttcagatcac	60
aggcaaaaaa	ccaaactttg	aagtgggttc	ttctaggcag	cttaagcttt	ccatcaccaa	120
gaagtcttct	ccttcagtga	aacctgctgt	ggaccctgct	gctgccaagc	tgtggaccct	180
ctcagccaac	gatatggagg	acgacagcat	ggatctcatt	gactcagatg	agctgctgga	240
tccagaagat	ttgaagaagc	cagatccagc	ttccctgcgg	gctgcttctt	gtggggaaag	300
ggaaaaagag	gaaggcctgt	aagaactgca	cctgtggcct	tgccgaagaa	ctggaaaaag	360
agaagtcaag	ggaacagatg	aacttccaac	ccaagtcaac	ttgtggaaac	tgctcctggg	420
cgatgccttt	cgttgtgcca	ctggccctac	cttgggatgc	cagcntnaaa	ctggggaaaa	480
gngcttctaa	tgatancatc	tttattgaag	cctaagaagg	ttctgaattg	ggaccatttt	540
gttcttcaac	caattctggn	cttaaateca	ccttgggggt	cttccacctc	cttggatttg	600
ncacctt						607

<210> 240
 <211> 615
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(615)
 <223> n = A,T,C or G

<400> 240

ggtacgcggg	gctttttcaca	agatggcgcc	gaaagcgaag	aaggaagctc	ctgcccctcc	60
taaagctgaa	gccaaagcga	aggctttaaa	ggccaagaag	gcagtgttga	aaggtgtcca	120
cagccacaaa	aagaagaaga	tccgcacgtc	accaccttc	cggcgccga	agacactgcg	180
actccggaga	cagcccaaat	atcctcggaa	gagcgtctcc	aggagaaaca	agcttgacca	240
ctatgctatc	atcaagtttc	cgctgaccac	tgagtctgcc	atgaagaaga	tagaagacaa	300
caacacactt	gtgttcattg	tggatgttaa	agccaacaag	caccagatta	aacaggctgt	360
gaagaactgt	atgacattga	tgtggccaag	gtcaacaccc	tgattcggcc	tgatggagag	420
aagaaggcat	atgttcgact	ggctcctgat	tacnatgctt	tggatgttgc	caccaaatt	480

gggatcattt	aactgagtc	acttgctaaa	tctgaatata	tatatatata	tatatctttt	540
cnccccacaaa	aaaaaaaaaa	aaaaaagtc	tncceggcgg	cggtttaaag	gggaattccc	600
cacttggggg	cgttt					615

```

<210> 241
<211> 365
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(365)
<223> n = A,T,C or G

```

<400> 241						
acgggggggt	cgctttgctg	ttcgtgatat	gagacagaca	gttgcggtgg	gtgtcatcaa	60
agcagtggac	aagaaggctg	ctggagctgg	caaggtcacc	aagtctgccc	agaaagctca	120
gaaggctaaa	tgaatattat	ccctaatacc	tgccacccca	ctcttaatca	gtggtggaag	180
aacgggtctca	gaactgtttg	tttcaattgg	ccatttaagt	ttagtagtaa	aagactgggt	240
aatgataaca	atgcacgta	aaaccttcag	aaggaaagga	gaatgttttg	tggaccactt	300
tggttttctt	ttttgcgtgt	ggcaagtttt	aaagttatta	agtttttaaa	atcaagtacc	360
tnggn						365

```

<210> 242
<211> 625
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(625)
<223> n = A,T,C or G

```

<400> 242						
natngganng	nttttccctt	aacgtgggcc	ncggccgagg	nacttttttt	tttttttttt	60
tttttttttt	gcaggcagct	atttaattan	gntcttaana	catttanaac	nccaatttgn	120
gaanataaat	tccattcgct	anaacaaacn	cagatcgcan	gtagccctgg	anctgangaa	180
taactttgat	ttttggnaaa	atttgngagt	ccncagcttt	ctgatcaatc	ttgcgctgct	240
cccnaatctc	atattttctt	ttttctgggg	ccaaaatctt	accttcctgg	ngtctgggct	300
ttcgcaactt	cttcttcttg	aaagaagcct	cagtaaaaaat	ggtttgggaa	ttttacatta	360
ctgatatcca	atttnggtga	aatggcaatg	accaatttct	nggggggtct	tcgtaaaaga	420
actccantga	nggnccaaag	gtccagtcct	aagtataggc	nctnaccact	gnttcaggaa	480
accacctttt	gncctggggg	gtccatgagg	atgaccaa	ggncccgggg	naagctggct	540
ccantttttt	acggcctacc	gaagggtttt	tgccngggta	aaagttttag	ggccattttc	600
ngggnaaatc	taggcttttg	gaaat				625

```

<210> 243
<211> 639
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

```

<222> (1)...(639)
 <223> n = A,T,C or G

<400> 243

nncnaattcc	ncntaaccn	ggnccccgc	caagnacccc	ggncctttg	gatgtatnga	60
aatnaacnta	ttaatggga	cntattggag	aaggaaatnc	ctagacctac	aactttnagc	120
naatagcngt	gatgttttag	gaactgaaat	gtcacactta	aagtcttnag	cccagctact	180
tccctatattt	tgtggggaga	aaanggccng	attagaactg	ttctggttgt	gtttggcggg	240
aggggaataa	ttttgtttca	gtcctttcta	gtgaccaaac	tttaattttt	agaataata	300
tattgactta	ctgaactgaa	gcattctgag	ttgaaaggag	ctccncagga	ntggagtctt	360
gtgttgctca	catgttnaaa	ncttgctcac	cttnatagcn	caaggaatac	ctatcttcca	420
natnccgcca	ttttcatctc	ttaaagtagn	tccaaagtat	gacttgagaa	agttgctctn	480
ggattctggg	gtcttaaaac	tngggattct	gggattntgg	ggccnaaag	ttnaccttgn	540
aaagttgcct	gggnttttan	aaatncnctg	nattctgggg	ttttaaaaaa	ttttgaaaaa	600
acccncccn	ncttgaaagg	gaccttaaaa	attaacctn			639

<210> 244

<211> 614

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(614)

<223> n = A,T,C or G

<400> 244

tcgagccgnc	ggcccgggcc	aggtactttt	tttttttttt	tttttttttt	gaaaatggag	60
tcttgctctg	ntgccaaact	ggantgcaat	gggtgcganct	gggctcactg	naatctccac	120
ctnccgggtt	caagcgattc	tctgcctca	cctccgagta	actgggacta	caggtgcgcg	180
ccaccaagcc	cagctcattt	ttgnattttt	agtanaaatg	gggtttcacg	atgttggtta	240
ngatggntct	gatctctggg	caaagtcttt	tctgnaaata	tccttggtta	aaaaacaatt	300
ttagactgta	gctgttgcaa	atgctttaag	gaagaaacna	aacaactgca	gtcttcttga	360
aatgaaaaaa	ctccccaggg	ctgctattna	aaacaacccc	accagcactt	caatcatgat	420
gccnacagt	gccactgaa	aaancnggaa	aagttcnaat	cccaaactgg	gatgctcttg	480
actntggaat	tntgngggcn	ntncccnant	ttnanacaaa	acngnctnng	ncctntttt	540
ttgggggaat	ttgggaanaa	aaaaacttgn	gngttcttgn	ggttccnttg	ttccccaaaa	600
nactgggggn	nggg					614

<210> 245

<211> 620

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(620)

<223> n = A,T,C or G

<400> 245

gccgtgggtcg	cgggcccagg	tccatttgcc	tcccggcctc	aagccgattc	tctgcctca	60
gccctccaag	tagctgggga	ttacaggcac	ctgccaccat	gcccggctaa	tttttgnaat	120
tttagtagag	acagggtttc	accatgttgc	ccaggctggg	ttcgaactcc	tgacctcagg	180

tgatccaccc	gcctcggcct	ccaaagtgtc	gggattacag	gcttgagccc	ccgcgcccag	240
ccatcaaaat	gctttttatt	tctgcatatg	ttgaatactt	tttacaattt	aaaaaaatga	300
tctgntttga	aggcaaaatt	gcaaattctg	aaattaagaa	ggcaaaaatg	taaaggagtc	360
aaaactataa	atcaagtatt	tgggaaaagt	aagactggaa	gctaatttgc	attaaattca	420
caaactttta	tactctttct	ggatatacat	tttttttctt	taaaaaacia	ctttingatca	480
gaatagcccc	atttagaacc	ttttgggtatc	agncaatatt	tttaaatagt	tnaaccnggc	540
ctaagctnaa	agnggcttga	tntgagtaaa	cttttcaact	ggcttgaacc	ctnaaccttt	600
taaaatgacc	ttccgagntt					620

<210> 246
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 246						
acttattctt	caggggttac	tgagtcggca	cctatgacag	ctaagagagc	tttcttaaag	60
actgcctcag	tgtcttcttg	gcttttggca	ccttcactcc	actctgccc	ggaaatccac	120
aatggcagac	aaacctgggg	tttcagggtg	acaaagactt	cttcaaaaag	catggctatg	180
tcagggctct	ttgactcgat	cagcacctgc	agcttcagct	gccacattgt	cccagagtct	240
ctaaacaatt	caagttccag	ctactgncac	ttccagagct	tcctcaggaa	gttataacac	300
agcaacgaaa	cactcaactg	cttgtattgg	cattctgaca	gaagcttcaa	gttcatgtgc	360
cttcctgaat	acagtcattg	tcttttncac	ctcttctctt	aaggacccac	tatttgactt	420
cttaataaat	ctttccagcc	aaaggngatg	aacactttca	catgggcctt	gtggcaaaaag	480
cttnatggct	ttttatcncg	gacagacctt	tctcttcggg	cgacctcaat	ggtttggcct	540
ggtcgtggag	ctgggtntttg	gctnnggactc	aacttnaatn	ttgcttgccc	naaac	595

<210> 247
 <211> 364
 <212> DNA
 <213> Homo sapiens

<400> 247						
gggtacacta	gaaagtcttt	tacaaaataa	tcattcttaga	tcaacagaag	accaatcttc	60
aatgtcgtcc	tgcaagatgg	gttactttta	catctcctcc	tgttttctcc	aatgttctcc	120
tttagtatgg	ctggtaattg	ttttgggtgat	tgccaccccc	tcgagatgcc	ttgccataag	180
tgctctgttg	gccactgtag	tctgcatatc	cctgtccata	tccatagtcc	ccatagtatt	240
accaggtata	atcatatccg	ccatagccac	tatagttttg	atcaccacca	taggcactat	300
tgtaatttcc	atattccttg	tcataatagt	tattaaatcc	ttggttccag	ttttggccct	360
gacc						364

<210> 248
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)

<223> n = A,T,C or G

<400> 248

ggtncagata	tcttcaaagg	aggaagaaga	aagggaacc	agatggtgga	cctgaatatg	60
ncccttance	aganctaata	aaccactca	gccagaatag	aagaagctgg	aatagattcc	120
ccaacctggt	ttgccagttc	atcttttgac	tctattaaaa	tcttcaatag	ttggtattct	180
gnaatttcac	tctcatgant	gcactgngg	cttaactaat	attgcaatgn	ggcttgaatg	240
taagtagcat	cctttgatgc	ttctttgaaa	cttgnatgaa	tttgggtatg	aacagattgc	300
ctgctttccc	ttaaataaca	cttaaaatta	tttgaccag	tcagcacaac	atgcctnggt	360
tnnattaaag	cnnnggatag	ctggatttta	taaaattggc	caaattagag	aaatntagtc	420
ccatggaaat	atatttcttg	taaaaaagt	cttgaatctt	tttgggtcaag	ataatgccac	480
tcttaagaat	atcttcncac	tnttgangga	ttaaatatcg	gcantggaaa	agccttaaaa	540
atgggggtcna	cttgccctgn	gcctaaaccg	accctgaaat	gggatttccc	n	591

<210> 249

<211> 332

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(332)

<223> n = A,T,C or G

<400> 249

actctccgag	agggtcgttt	tcccgtcccc	gagagcaagt	ttatttacca	aatggttgag	60
taataaagaa	aggcagaaca	aaatgagctg	ggctttggaa	gaatggaaag	aaagggctgc	120
ctcaagagct	cttcagaaaa	ttcaagaact	tgaaggaca	gcttgacaaa	ctgaagaagg	180
aaaagcagca	aaggcagttt	cagctttgac	agtctcgagg	cttgcgcttg	cagaaacnaa	240
aacagaaagg	ttgaaaatga	aaaaaccag	ggtaccttgg	nccgggacca	cgcttaaggc	300
gaaattccaa	cacacttggc	cggccggtac	ta			332

<210> 250

<211> 626

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(626)

<223> n = A,T,C or G

<400> 250

ggtactatta	gccatggtca	accccaccgt	gttcttcgac	attgccgtcg	accggcgaag	60
ccctttggcc	cgctcttcc	tttgaactgg	ttgcagacaa	gggtcccaaa	ganagcagaa	120
aattttcgtg	ctctgagcac	tggagaaaaa	ggatttggtt	ataagggttc	ctgctttcac	180
agaattatc	cagggtttat	gtgtcaaggt	ggtgacttca	cacgccataa	tggcactggg	240
ggcaaagtcc	atctatgggg	aagaaatttg	aagatgaaga	acttcaccc	aaagcatagc	300
ggtcctggca	tcttgtccat	ggcaaagtgt	ggacccaaca	caaattgggtc	ccaatttttc	360
atctgcactg	gccaagactg	antggttgga	tggcaaanca	tgtngtgntt	ggccaaagtg	420
aaagaaggca	tgaatattgt	ggaaggccat	ggaacgcttt	tgggtncnag	gaatggcaag	480
aaccnccagg	aagaatcacc	cnttnttgac	tggggacaac	tcnaataagt	tgacttgggg	540
nttaatntaa	ccccccanca	attccttttg	gaactcagga	aacacccttc	ancccanttn	600

<210> 251
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 251

actttttttt	tttttttttt	tttttttttc	aacagaagaa	cttttngttt	ctttattttc	60
aatatngtc	ttattaatat	ttttcttatt	ttataatgca	attacaacaa	tttaggagac	120
aaaacantat	aaacaaaaga	atgttaaata	gtttttttta	aaaaatagct	tggtgcttgc	180
aagaaagtcc	atataatctt	attccccccc	aaatataatt	ttatactttg	cactaaacca	240
aaatagctta	tggaaaatta	ggtattaaat	agctaaacac	agaaaaccta	cagctataaa	300
taacataaaa	tacagtttta	ctttaatgng	atgcttaaac	aaagcaaact	atgatgcant	360
atgaatcaac	ttcattaatt	ggacaagtcc	agtgaggcnc	aaattagata	agcnctaaac	420
cctcatgatg	ggcaagtga	accttcaccc	cagcaagggt	ctttcnggtc	ttggctatgc	480
caattccttc	canaaaagnc	ccagttttac	angtctggct	ttttccgggg	gaacccccca	540
ttnttttnc	ccaagttggt	tnggatttgg	ccccannaa	attttttttg	gngnaaaaaan	600
aan						603

<210> 252
 <211> 500
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(500)
 <223> n = A,T,C or G

<400> 252

actttatttg	ttttttttgt	tttgtttttg	tttttttttt	ggcttgactc	aggatttaaa	60
aactggaacg	gtgaagggtga	cagcagtcgg	ttggagcgag	catcccccaa	agttcacaa	120
gtggccgagg	actttgattg	cacattgttg	ttttttta	agtcattcca	aatatgagat	180
gcattgttac	aggaagtccc	ttgccatcct	aaaagccacc	ccacttctct	ctaaggagaa	240
tggcccagtc	ctctcccaag	tccacacagg	ggaggtgata	gcattgcttt	cgtgtaaatt	300
atgtaatgca	aaattttttt	aatcttcgcc	ttaatacttt	tttattttgt	tttattttga	360
atgatgagcc	ttcgtgcccc	cccttcccc	ttttttgtcc	cccaacttga	gatgtatgaa	420
ngcttttgg	ctccctggga	agtgggtgga	ngcagccagg	gcttacctgt	accttggccg	480
cgaacaccta	aggccaantt					500

<210> 253
 <211> 634
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(634)
 <223> n = A,T,C or G

<400> 253.

tcgagcggcc	ngcccgggca	ggtactatta	gccatgggtca	aaccccaccc	gtgttcttcg	60
acattgccc	tcgacggcga	acccttgggc	ccgcgtctcc	tttgagctgt	ttgcagacaa	120
ggtcccaaag	acagcagaaa	atthttcgtgc	tctgagcact	ggagagaaa	gatttggtta	180
taaggggtcc	tgctttcaca	gaattattcc	agggtttatg	tgtcaggggt	ggtgacttca	240
cacgccataa	tggcactggg	ggcaagtcca	tctatgggga	gaaatttgaa	gatgagaact	300
tcatacctaaa	gcatacgggt	cctggcatct	tgtccatggc	aaatgctgga	cccaacacaa	360
atgggttccca	gtttttcatc	tgcactgcca	agactgantg	gttggatggc	aaacatgtgg	420
tggttggtcaa	antgaaagaa	ngcatgaata	ttgtggaagc	catgganccc	tttnggtcca	480
ggaatggcag	aacnncagg	aanacaccct	tgntgactgt	ggcaactcga	ataaattgac	540
ttgggggttat	cttaaccncc	caacattcct	ttggacttag	gaancanccc	ttcancccnt	600
tggttcaant	tcccaaaaat	ttgggctncc	tnnng			634

<210> 254
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 254

nctttttttt	tttttttttt	ttttttaaat	taattaatta	aaaaataggt	ggnctactgg	60
tggtccttaa	gctggaantg	cagtgggcac	aatcatggnt	cactgnagtc	tnaacctncc	120
aggttcaagt	gatacctcta	cctcacctcc	antagctggg	attacaggca	tatgcgacca	180
tgcccagcta	atthttttatt	ttttgtaaaa	acgggggtctc	actatgtcgc	ccangctggg	240
cttgaactcc	tgaactcaag	tgacccttcc	gnetnacctn	caaagtgcta	ggcttacagg	300
tgtgaaccac	catgcctggc	ctaaaaaatt	tatttttaaaa	aagtaattta	tctcttacag	360
ttgtggaggc	tgagaaatcc	aangncaant	ggcncatttg	gtgaaaacct	tnttgctggg	420
ggggactctg	tgaaatnccc	aantggcnca	tgcataacac	antgangggg	cttacattcc	480
aacatgctat	ctctttttaag	ttttaaaagta	cnggccnaaa	tntgaacntg	aatgacttna	540
aatccacnca	ttccnctttt	ggacnaaaaa	ccntgggcaa	ttgggatctt	ggcntttttna	600
aa						602

<210> 255
 <211> 614
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

<400> 255

cgagggtacag	gtaagccctg	gctgcctcca	cccactccca	gggagaccaa	aagccttcat	60
acatctcaag	ttggggggaca	aaaaaggggg	aagggggggc	acgaaggctc	atcattcaaa	120
ataaaacaaa	ataaaaaagt	attaaggcga	agattaaaaa	aattttgcat	tacataattt	180

acacgaaagc	aatgctatca	cctccccctgt	gtggacttgg	gagaggactg	gaccattctc	240
cttagagaga	agtggggtgg	cttttaggat	ggcaagggac	ttcctgtaac	aatgcatctc	300
atatttgaa	tgactattaa	aaaaacaaca	atgtgcaatc	aaagtcctcg	gccacattgt	360
gaactttggg	ggatgctcgc	tccaacccga	ctgctgtcac	cttcaccggt	ccagttttta	420
aatcctgagt	caagccaaaa	aaaaaaaaacc	anaccaaacn	nanaaaccaa	ttaagccatg	480
ccaatctcat	ctggtttctg	cncaagtang	gttgncaaaa	aagggttacc	ncactaantc	540
ntagccccta	aacnnttgcg	ggggncantg	angggccgan	tttganactc	cggntggtga	600
nccanttggn	ggag					614

<210> 256
 <211> 308
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 256						
nentccagca	gtgggtcatt	cgncaacgaa	agtcntaccg	tagaaaagat	ggcgtgtttc	60
tttattttga	agataatgca	ggagtcatag	tgaacaataa	aggcgagatg	aaaggggtctg	120
ccattacagg	accagtagca	aggggaatgtg	cagacttgtg	gccccggatt	gcatccaatg	180
ctggcagcat	tgcattgattc	tccagtatat	ttgtaaaaaa	taaaaaaaaa	ctaaacccaa	240
aaaaaaaaat	nnnannnaac	annnnanaaa	aannnnaaaa	aaaaaaaagta	cctnggccgn	300
gaccacgc						308

<210> 257
 <211> 602
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 257						
gcgtgggtcgc	nggccgaggt	acgcggggga	gacaaaccat	accatatccc	accagagagt	60
cgcagacact	atgctgcctc	catggccctg	cccagtgtat	cttggatgct	gctttcctgc	120
ctcatgctgc	tgtctcaggt	tcaagggtgaa	gaaccccgaga	gggaactgcc	ctctgcacgg	180
atccgctgtc	ccaaaggctc	caaggcctat	ggctcccat	gctatgcctt	gtttttgtca	240
ccaaaatcct	ggacagatgc	agatctggcc	tgccagaagc	ggccctctgg	aaacctggtg	300
tctgtgctca	ntggggctga	gggatccttc	gtgtcctccc	tgggtgaagag	catttggtaac	360
agctactcat	acgtctggat	tgggctccat	gaccccacac	agggcaccga	acccaatgga	420
aaangntggg	antggaataa	cantgatgtg	atgaattact	ttgcatggga	gagaaatcct	480
tcancatttt	naaccccggc	cctgtccaac	ctntcaaaaa	cncacatttt	taaggggaaa	540
attttactgg	atggganggt	acccttttnt	ggaagtactg	cttttcngga	nggaagtacc	600
cc						602

<210> 258
 <211> 600
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 258

ggtgtntgng	ncttatntgt	agcggcgcg	ntggttctga	aatcgccttc	agcggcgcg	60
cagtcntatt	atgtgnatgt	ccctaccacn	aaaatncaga	ttaattggna	tgctcattac	120
ccacgtgaac	gccaaagccc	ttcgaagtag	tgctgccctg	cactnaatca	agaagttgca	180
ttaaaattag	aaccaaattc	agagtcactg	gaactttctt	ttaccatgcc	ccanattcag	240
gatcagacac	ctagtccttc	cgatggaaag	cactagacaa	agttcacctg	agcctaatag	300
tcccagtgaa	tattgggtttt	atggggatag	gtgatatggn	caatgaattc	aagttggaat	360
tggnagaaaa	actttttgct	naagacncng	aagcnaagaa	cccattttct	actnaaggca	420
cagattttaga	cttggagatg	gtagcttctt	atatccaatg	gatgatgctt	tcagtcctgn	480
cnttgatcag	tgncacnttn	gaaagcagtt	cccaagncct	gnaaccctgt	cctaagccaa	540
gtccgggtten	gcgattaatc	cgactatgta	tgcccttcat	ngcccctgtn	ataaacnggn	600

<210> 259

<211> 600

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(600)

<223> n = A,T,C or G

<400> 259

gccgaggtac	atgggaaagg	gagtatggng	agctatttcc	tttttaaagg	atgaagacct	60
tcataaattg	gcccctcgga	ttctgggtgat	ccccgccgcg	aagcgcaa	gctccagtgn	120
gttatgaaaa	tgnttgntaa	tctgctctgg	ttcttcaactg	gattcaagan	tcgggaggnc	180
ttctcgaatc	ttttggataa	nctgggttta	aacctgaatt	gntaccgcga	tcatttttct	240
tttcataaaa	atagatatata	ctgntcagaa	tttctatnaa	aagctgcact	tgtaganang	300
ggtccatgca	ctgatttgct	attttttaaag	ctttttttan	gcactccatt	accctnttgc	360
cttcgtgaaa	cttcttccca	tttttgncn	ggttctggcn	gaccngaaga	aatgtgcccc	420
agtgcctaca	agttnggcct	gacaagggtc	nttaaaantt	tggatgtacc	aagggccccc	480
tgggtcctca	aaggtcatga	atctttttac	tggaaccctt	atcctttnaa	aaggccatgg	540
tcaagggaat	gnncttcttg	gctttgaaac	ccggattaan	tttttncaaa	aaaagccngn	600

<210> 260

<211> 593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 260

acgcgggaac	tccatcctca	ccaccacac	caccctggag	cactctgatt	gtgccttcat	60
------------	------------	-----------	------------	------------	------------	----

ggtagacaat	gaggccatct	atgacatctg	tcgtagaaac	ctcgatatcg	agcgcccaac	120
ctacactaac	cttaaccgcc	ttattagcca	gatttgtgcc	tccatcactg	cttccctgag	180
atttgatgga	gccctgaatg	ttgacctgac	agaattccag	accaacctgg	tgccttacc	240
ccgcatccac	ttcctctggc	cacatatgcc	cctgtcatct	ctgctgagaa	agcctaccat	300
gaacagctta	ctgtagcaga	gatcaccaat	gcttgctttg	agccagccaa	ccagatgggtg	360
aaatgtgacc	ctcgccatgg	taaatacatg	gcttgctgcc	tggatataccg	tgggtgacntg	420
ggtnccaaag	atgtcaatgc	tgccttggca	ccattcaaac	caagcgcaga	ttcaatttgg	480
ggatggtgcc	cactggcttt	aaggtngnat	naactaccag	cttccactgn	ggnnctgggtg	540
gaaactngcc	aaggnnctt	ggccggaaca	ccctangggg	aattcanncc	act	593

<210> 261
 <211> 343
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(343)
 <223> n = A,T,C or G

<400> 261						
cctacctctc	ttncactgc	aaatttctgg	gatagaccaa	aagtgaattt	gattatgtgt	60
tggctgaagt	tcttcattct	gactgttgag	gggaggtttt	cctttgaaga	gttttcaccc	120
cagactcagc	tgtcttttca	catggatgaa	ataattcctg	ctaccaacaa	cagagcttca	180
ccaggaagtt	gagttttcaa	gatgccttgt	tgtcttgaag	aagggagtga	tgtcaattct	240
cttgntacat	tctcccttta	gcaacctgag	taagagactc	tctgccactg	ggctgcaaaa	300
aaataaatta	cttgaatctc	cccttggccc	angctgaggt	acc		343

<210> 262
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 262						
actttttttt	tttttttttt	tttttttgtt	tttttttttt	tttttttttt	tttttttttt	60
tttttttttt	ttacagngtn	ttttcatttt	tattactcaa	aaaagtttca	tttttttnat	120
ttanctttnt	gactntgggc	ttgggccttn	aacantttca	naacgatttt	ntgctcctcg	180
anaaggaaag	cnccttgat	cctgnacacna	acncttttag	cncacatgga	accnccatag	240
gccctgntga	catgtttctt	tgtttnggac	aatntcataa	aaacttttagg	nnttacagca	300
cnaacccttn	naagtntgcc	tgggcncaca	ccanatgcaa	attttggggc	tttcccaacc	360
ttnttggnat	aaaggtaaac	aattttatta	ccaggggggt	cgggacaacc	tanttttgtt	420
aaaggctgta	ttgtaggaaa	acctacctcg	ggatgtcaaa	cccttnacca	ttttgagggg	480
ctggaaanaa	ngttcccggg	aanccccggg	tancttnggc	cggaaccccc	taangggnga	540
attccnaccn	cttgggggcn	gtantaaggg	ganccaantt	gggccaaant	tgg	593

<210> 263
 <211> 591
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 263

accaagagtt	tgctcctggc	tgctttgatg	tcagtgtctg	tactccacct	ctgcggcgaa	60
tcagaagtaa	gcaactttga	ctgccgtctt	ggatacacag	accgtattct	tcatacctaaa	120
tttattgtgg	gcttcacacg	gcagctggcc	aatgaaggct	gtgacatcaa	tgctatcatc	180
tttcacaaag	aaaaagttgt	ctgtgtgctg	aaatccaaaa	cagacttggg	tgaaatatat	240
tgtgcgtctc	ctcagtaaaa	aagtcaagaa	catgtaaaaa	ctgtggcttt	tctggaatgg	300
aattggacat	agcccaagaa	cagaaagaac	cttgctgggg	ttggagggtt	cacttgcaca	360
tcattggagg	tttaattgct	atctaatttg	tgccctcact	gacttgncaa	ttaatgaagt	420
gatcatattg	catcataagt	ttgctttggg	taancttaca	ttaaagttaa	ctggatttta	480
agggaattat	actgtagggt	ctggggtaac	tatttaatac	taattttcat	aacnattttg	540
gttaatncca	agttnaaatt	tattttgggg	gaanaaaatt	tttggccttc	t	591

<210> 264

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 264

accaagagtt	tgctcctggc	tgctttgatg	tcagtgtctg	tactccacct	ctgcggcgaa	60
tcagaagtaa	gcaactttga	ctgccgtctt	ggatacacag	accgtattct	tcatacctaaa	120
tttattgtgg	gcttcacacg	gcagctggcc	aatgaaggct	gtgacatcaa	tgctatcatc	180
tttcacaaag	aaaaagttgt	ctgtgtgctg	aaatccaaaa	cagacttggg	tgaaatatat	240
tgtgcgtctc	ctcagtaaaa	aagtcaagaa	catgtaaaaa	ctgtggcttt	tctggaatgg	300
aattggacat	agcccaagaa	cagaaagaac	cttgctgggg	ttggagggtt	cacttgcaca	360
tcattggagg	gtttagtgtc	tatctaattt	tgccctcact	ggacttgtcc	aattaatgaa	420
gttgattcat	attgcatcat	agtttgcttt	gggttaagcat	cacattaaag	ttaaactgga	480
ttttatggta	tttatagctg	nanggtttct	gggggttanct	atttaatact	aaattttccat	540
aagctttttg	ggttaangcc	aagnttaaaa	ttttttttgg	gggggaaaaa	atttt	595

<210> 265

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 265

gggtacttttt	tttttttttt	tttttttttt	ttgaaaatta	tactttttatt	tgagtcacca	60
-------------	------------	------------	------------	-------------	------------	----

ggagaaagat	tcacttgtgg	ttcaagtcaa	atgttcanaa	tcataacagg	ccanaaagg	120
ttgatcccga	gcacaagccc	acgagggagg	ggaccaaaac	agaccaaaat	gagacaacaa	180
ccccatataa	aaagatgaac	tggcggcttc	acacactcac	acacatacac	atacacacgg	240
atgaaatgtt	tggacagagg	caaatttcac	gtgggtcattt	ctgtttcttt	ttaaatacag	300
gtttgtgggg	tggatatttg	ttttttccag	ctataaaaaa	aggcccaaaa	gtgcatgtgt	360
gaggggggaa	aggcagaaat	taagcaataa	agtcattttc	cctggaggga	catganaggg	420
agaaaacagg	aggcaattgc	tggganaacg	cactttctta	acactgggct	tttgggtatt	480
cttantattg	gncncaaaa	agttattttc	acattctaac	tttgaagnct	ntttccnggg	540
attnaatggn	ccttaaaacc	tttgggaact	ttaaaaaaac	cngggcttac	cc	592

<210> 266
 <211> 594
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (594)
 <223> n = A,T,C or G

<400> 266						
acgcggggaa	aaaaaaggca	gtattccctt	tttaaagtga	ctttcaggaa	gttgctgaga	60
aatgggggtg	aatagggaac	tgtaatggcc	actgaagcac	gtgagagacc	ctcgcaaaat	120
gatgtgaaag	gaccagtctc	ttgaagtcca	gtgtttccac	ggctggatac	ctgtgtgtct	180
ccataaaaagt	cctgtcacca	aggacgttaa	aggcatttta	ttccagcgtc	ttctagagag	240
cttagtgat	acagatgagg	gtgtcccgtc	gctgctttcc	ttcggaatcc	agtgtctcca	300
cagagattag	cctgtagctt	atatttgaca	ttcttctactg	tctgttggtt	acctaccgta	360
gctttttacc	gttcacttcc	ccttccaact	atgtcccaga	tgtgcaggct	cctcctctct	420
ggactttctn	caaaggcact	tgacccttcg	gnctctactt	ggccccctnac	ctcacccctt	480
tctggcaccg	gncntgngac	attcacttcn	gagaagaccn	cccccaagga	ggcnggcgnt	540
tggnccanga	aaaaacccccg	gggaagggtt	tnnttttttn	aaagggaat	ttcc	594

<210> 267
 <211> 598
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (598)
 <223> n = A,T,C or G

<400> 267						
actggccctc	ggtgctggca	aaggtgtagt	tccactggcc	gagggaatca	agacatagt	60
gtccttctgc	taagccaagg	gctgccacaa	tgacacagta	gccagatcct	gcaattccaa	120
tgagagcagc	caatacagaa	gaaagcatcg	cacatcgttt	gccacagt	tcattggccac	180
agcagccaca	gcagtcaccc	tggtccagcc	caatgaagac	aaatgctggc	aggagcatca	240
gcagggccac	ctcctacgat	gccagaaaag	aaccacacga	aacggctgag	gtggttttcg	300
gaggcatact	ttgttcccat	tgggaaagta	aagccaaata	ttacccgcga	tgcacaggaa	360
ggggcgagcc	caaccagaaa	atgtccgaat	gcategtgca	cacttcccat	agcacatggt	420
ggtcttgcta	ggttttttctc	ccccttctct	ttggncttca	acttcagtga	taccccaaat	480
tagatgaaag	tgggtgccctt	ttgggtggaa	aaagcaaaca	ccaaccccg	gtacctttgg	540
gccggaacac	ncttaaggcc	aattccann	aattggcgcc	ccttacttan	gggatccc	598

<210> 268
 <211> 590
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(590)
 <223> n = A,T,C or G

<400> 268
 ggacatatta tcaataggct ataagatgta acaacgaaat gatgacatct ggagaagaaa 60
 catcttttcc ttataaaaat gtgttttcaa gctgttggtt taagaagcaa aagatagttc 120
 tgcaaatcca aagatacagt atcccttcaa aacaaatagg agttcaggga agagaaacat 180
 ctttcaaagg acagtgttgt tttgaccggg agatctagag agtgctcaga attagggcct 240
 ggcatttgga atcacaggat ttatcatcac agaaacaact gttttaagat tagttccatc 300
 actctcatcc tgtattttta taagaaacac aagagtgcac accagaattg aatataccat 360
 atgggattgg agaaagacaa atgtggaaga aatcatagag ctggagacta cttttgtgct 420
 ttacaaaact gtgaaggatt gtggtcacct ggaacaggtc tncaatctat gtagcactat 480
 gtggctcanc cttggtaccc cttggattat atatcaacct gnaacatgng nctgggactt 540
 actttcnaaa cnaaatnttc cttntttgaa gaaaatctgg gtttttgnaa 590

<210> 269
 <211> 602
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 269
 acttgaagga agtcgaatca gagatagact ctgaagaaga acttataaat aaaaaaagaa 60
 tcatagagaa agttattcat cgactcacac actatgatca tgttctaatt gagctcaccc 120
 aggctggatt gaaaggctcc acagagggaa gtgagagcta tgaagaagat ccctacttgg 180
 tagttaaccc taactacttg ctcgaagatt gagatagtaa aagtaactga ccagagctga 240
 ggaactgtgg cacagcacct cgtggcctgg agcctggctg gagctctgct agggacagaa 300
 gtgtttctgg aagtgatgct tcaggatttg ttttcagaaa caagaattga gttgatggctc 360
 ctatgtgtca cattcatcac aggtttcata ccaacacagg cttcagcact tncntttggt 420
 ggtggttcct ggtcccntgg aagttggaac caaattaatg gngtagtctc tatacccaat 480
 acctttggtt ttcattgtga anaaaaaggc ccattacttt taanggattg tgctggnctt 540
 attgngccan taactttttt ttaaattggc cagttacngg ttttaattct taaaannaaa 600
 aa 602

<210> 270
 <211> 595
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature

<222> (1)...(592)
 <223> n = A,T,C or G

<400> 270

ggtacgcggg	ggtaggagcc	tctctcccta	ctgctgctac	acaagaccct	gagactgacc	60
tgcaggacga	aaccatgaag	agcctgatcc	ttcttgccat	cctggccgcc	ttagcggtag	120
taactttgtg	ttatgaatca	catgaaagca	tggaaatctta	tgaacttaat	cccttcatta	180
acaggagaaa	tgcaaatacc	ttcatatccc	ctcagcagag	atggagagct	aaagtccaag	240
agaggatccg	agaacgctct	aagcctgtcc	acgagctcaa	tagggaagcc	tgtgatgact	300
acagactttg	cgaacgctac	gccatggttt	atggatacaa	tgctgcctat	aatcgctact	360
tcaggaagcg	ccgagggacc	aaatgagact	gaggggaagaa	aaaaaatctc	tttntttctg	420
gaggctggca	cctgattttg	tatccccctg	tagcagcatt	actgaaatac	ataggcttat	480
atacaatgct	tctttctgga	tattctcttg	gcttgggtgg	accccttttt	ccggccccag	540
aattgttaan	taatngaann	nccntncann	aagggnnaa	aggnaaatca	ncttt	595

<210> 271

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(592)

<223> n = A,T,C or G

<400> 271

ggtacattga	gatcccgct	ctacaaaatc	aaaaaattag	ccaggcaagg	tggcgcgtgc	60
ctgtcgcccc	agctacttgg	caggctgagc	tcaggaggtc	aagcctgcct	tgggccatga	120
tcaccccatg	cactccagcc	tgacattcag	agcaagacct	tgtctcaaag	aaagaaaaac	180
atTTTTatgg	tgTTTTcttt	tttagtcttt	tcaataatga	aaattttcat	tttacaggta	240
aaatgaaagg	cctggcattt	attcaagatc	ctgatggcta	ctggattgaa	atTTTgaatc	300
ctaacaaaat	ggcaacctta	atgtagtgtc	gtgagaattc	tcctttgaga	tttcagaaga	360
aaggaaacaa	tgtgattcaa	gatatttaca	taccagaagc	atctaggact	gatggatcac	420
tgtcccgatt	caaattattc	ttcagtcctt	ttcccccttc	tatttcagct	ggtccttttc	480
acctaactgt	cagtcattct	ggtttcaacn	atgctttatc	tcatgtcctt	gaatatagtt	540
ggggnacttt	aatttttang	gaataatnna	acagnttccn	ttaaaggntn	ng	592

<210> 272

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 272

acattaaagt	gtgatacttg	gttttgaaaa	cattcaaaca	gtctctgtgg	aaatctgaga	60
gaaattggcg	gagagctgcc	gtggtgcatt	cctcctgtag	tgcttcaagc	taatgcttca	120
tcctctctaa	taacttttga	tagacagggg	ctagtcgcac	agacctctgg	gaagccctgg	180
aaaacgctga	tgcttgtttg	aagatctcaa	gcgcagagtc	tgcaagttca	tccccctctt	240
cctgaggtct	gttggtctga	ggctgcagaa	cattggtgat	gacatggacc	acgccatttg	300

tggccatgat	gtcaggtctg	gcaacaggct	ccttggtgac	actcaccata	ttgnttttca	360
agctgacttt	cagcttgnc	ccttgagag	actttaaccc	ggaccaagg	cccgatgcct	420
tccggttacc	aggaatttca	tcaccaatgg	tggtanttca	ggaatgttg	caagtttcct	480
tggcatnttc	ccaaanagtt	tggtcccggt	cttnttggn	ggcangggct	tcggaaaggg	540
ttnattttgt	ngggaaccna	aaaactgggg	tnaaactcct	tnccggttna	ngggtttccg	600
nnanccn						607

<210> 273
 <211> 398
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(398)
 <223> n = A,T,C or G

<400> 273

ggtaccgcca	ttattctttt	gggcaccttt	ggttggtttg	ctacctgccg	agcttctgca	60
tggatgctaa	aactgtatgc	aatgtttctg	actctcggtt	ttttggtcga	actggtcgct	120
gccatcgtag	gatttggttt	cagacatgag	attaagaaca	gctttaagaa	taattatgag	180
aaggctttga	agcagtataa	ctctacagga	gattatagaa	gccatgcagt	agacaagatc	240
caaaatacgt	tgcattgttg	tggtgtcacc	gattatagag	attggacaga	tactaattat	300
tactcagaaa	aaggatttcc	taagagttgc	tgtaaacttg	aagattgtac	ctgccccggg	360
ccgnccgctc	gaaagcttaa	ntggccggtt	cnaanncg			398

<210> 274
 <211> 587
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 274

actttttttt	tttttttttt	tttggtgaat	caaaagcagg	gtttattttt	ctatcaaate	60
cccaatccat	gttccagcca	atggatgaag	ggtgaatcaa	gccccacata	gactcttggt	120
aaaaacaatt	ctaactttct	aaaaaaaaaa	aaagccaaca	cacttttttc	tttcttttca	180
aaaagctccc	aggccttttg	gaacagctga	aacaaattca	tatcctgact	aggtctgttt	240
tctcttaggt	atttgatgg	tccctctctg	ctgccacttc	tgcacagatg	aggcactgat	300
aatggcctgc	aggtcactca	caatcctagc	tccacatcac	tccatgggtt	gataacctag	360
aaccacgtta	tgatttccat	ttataatgcc	ctaagaacag	ctgaaaagat	ctgtattaaa	420
ttctgcaaat	ctttattgag	tgccactatt	tgctgggcac	angctaggcn	ctggattctg	480
ctgggttcttg	agaaacctaa	aanggnncct	tnggccggaa	cacccttang	gcgaaatcca	540
cncactgggg	ggcgtactaa	ngggatccaa	ctttggncca	acttggg		587

<210> 275
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 275

actttttttt	ttttttttt	tttgccttta	taagagaatt	tttattgtta	attattttacc	60
ttaatagttt	cagaaagagg	aacaaattag	ctcagtccaa	catgattggc	agttggcata	120
ttctagttaa	gcaagtgttc	tgactgctaa	ggattttaatt	tggataattt	taatacttag	180
ccatctaaca	cttcaagcat	aaccacagaat	aaatgcacca	ccttcctttc	actttaatac	240
ccgnacctac	ctcacttcga	tataagaaat	atcattcaat	atgatttcca	gaagggacaa	300
gtttcctgga	gaatacaggc	atganggaca	atgcacaaaa	agaaaaactc	aaaatnaaac	360
tctggatgga	taattactaa	gctaagggaa	ccaaaccttc	caatttntaa	agaaattaaa	420
tccggttcca	aatgcctnat	angnctatgt	tnaaaagggt	ctggattaat	accggaaaag	480
gnttgnttnt	tacaggatnc	cccaaccgtt	acgggccctt	ngcccagaat	gggccttaaa	540
anccaaagng	tcttttccgn	ngaggcccca	tttnanaatc	cttntttt		588

<210> 276

<211> 595

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(595)

<223> n = A,T,C or G

<400> 276

acttttagata	catcattcct	caaaaagttt	ttaacggaga	aagtggggca	attcaatggg	60
ggaaaggacg	gcctttttta	caaattggtgc	tggttctact	gggtatctgc	atccttgata	120
cacagaagtt	aactcaagat	ggaccacaga	ctcacatgta	agagctaaaa	taacattcct	180
agaagaaatc	atggaagtaa	atcttcgtga	ccttggatca	ggtaatgggt	actttttttt	240
tttttttttt	ttttttttta	tcagattaat	tttactttat	ttcttcaggc	ctgggggttt	300
tcgatgactt	caaatttggg	atcttcaaat	ttgaagggtg	gaaatgggat	tcattgtctgc	360
attaccaaac	atttgctttg	acttaaaaag	ctcctctcca	gctcttgccg	atctctgaac	420
tagcatcaac	aggntcctcc	agatgtctgg	nccttaaatt	tggattccct	aatcttggcc	480
acaaagangt	ttcttggata	gggaacaaa	ttcccttatt	naaatgccan	tngtngaacc	540
nccaatgttc	cttcncaaaa	ngggcttaaa	ccggttacct	aattgacaaa	ggaaa	595

<210> 277

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(597)

<223> n = A,T,C or G

<400> 277

ggtactgttc	ctgttggccg	agtggagact	ggtgttctca	aaccgggtat	ggtgggtcacc	60
tttgctccag	tcaacgttac	aacggaagta	aaatctgtcg	aatgcacca	tgaagctttg	120
agtgaagctc	ttcctgggga	caatgtgggc	ttcaatgtca	agaatgtgtc	tgtcaaggat	180

gttcgtcgtg	gcaacgttgc	tggtgacagc	aaaaatgacc	caccaatgga	agcagctggc	240
ttcactgctc	aggtgattat	cctgaaccat	ccaggccaaa	taagcgccgg	ctatgccctt	300
gtattggatt	gccacacggc	tcacattgca	tgcaagtttg	ctgagctgaa	ggaaaagatt	360
gatcgccgtt	ctggtaaaaa	gcttggaa	tgccctataa	ttcttgaagt	ctggtgatgc	420
tgccattggt	tgatatggtt	cctggcaagc	ccatgtgtgt	tgaaagcttc	ttaaactatc	480
cacctttggg	tcgctttgct	ggtccngatt	tgagacanac	catttccgnn	gggtggcaat	540
caaaccattg	ggccaanaaa	gnttntggac	ttgcaagggn	nccaaatfff	ncccaaa	597

<210> 278
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 278

ggtaacttttt	tttttttttt	tttttttttt	ttagttttatt	aaaataactga	gtttttatttc	60
acatgtatat	ttttgtctcc	ccaccatttc	catgtctgac	caccgctact	actatgtcct	120
atcataacat	tccatacata	cttaaaacca	agcaaagggg	ggagttccat	ctttaaaaac	180
taaacaggca	ttttggacaa	cacattcttg	gcaatagaac	ctggacaaca	tttatcaaac	240
acggtaggga	aagttctcac	tctgcattat	aaaaaggaca	gccagatata	aactgttaca	300
gaaatgaaat	aagacggaaa	atftttttaac	aaattgnnta	aactattttc	ttaaagagac	360
ttcctccact	gccagagatc	ttgaatagcc	tcttggnacg	tcattccgga	aacaattctt	420
ccataattga	tgaatttggc	tttcactttt	gggaagagaa	cccccttttc	tatacttggg	480
tgcattttgc	ttaaagggtt	ctacaaacta	gggccttttg	gggtttaaga	gttttccngg	540
gtcttgaagg	ntcttggcct	ttgaacttgg	ggtnaaaang	gttgngcttt	tccat	595

<210> 279
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 279

ggtaacgagg	gagatacgtt	cgtaagcttg	ctcctttctg	cccgtggacg	cgcgccgaaga	60
agcatcgta	aagtctctct	tcaccctgcc	gtcatgtcta	agtcagagtc	tcctaaagag	120
cccgaacagc	tgaggaagcc	cttcattgga	gggttgagct	ttgaaacaac	tgatgagagc	180
ctgaggagcc	atftttgagca	atggggaacg	ctcacggact	gtgtggtaat	gagagatcca	240
aacaccaagc	gctccagggg	ctttgggttt	gtcacatatg	ccactgtgga	ggaggtggat	300
gcggctatga	atgcaaggcc	acacaagggt	gatggaagaa	ttgtggaacc	aaagagagct	360
gtctccagag	aagatttctca	aagaccaggt	gcccacttaa	ctgtgaaaaa	agatatttgg	420
tggtggcatt	naagaagacc	ttgaagaaca	tcaccttaaga	gattattttg	acagtatgga	480
aaattgaatg	attgaaatca	tgacttgacc	aagcatggcc	aaaaaagggc	tttgctttga	540
accttgagac	atgattcngg	ataaaatgcn	tcnaatncnt	ntggga		586

<210> 280

<211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 280

actttttttt	tttttttttt	ttttttcttt	tttttttttt	tttttttttt	ttttgaaaaa	60
gtcatgaagg	ccatgggggt	ggcttgaaac	cagctttggg	aggttcgatt	ccttcctttt	120
ttgtctaaat	tttatgtata	cgggttcttc	aaatgtgtgg	taggggtggg	ggcatccata	180
tagccactcc	aggtttatgg	agggttcttc	tactattagg	acttttcgct	tnaaaacgaa	240
ggcttntcaa	atcatgaaaa	ttattaatat	tactgctggt	anaaaaatga	atgagcctac	300
anatgatagg	atgtttcatg	ggngtatgc	atcggggtaa	tccnaataac	gtcggggcat	360
tccgatagg	cccaaaaang	ttntgggaa	aaaaagtttn	atttaccctc	attaaattta	420
tnnnnaaaag	ggattttgcc	taaggttggg	ctaagggggg	ancccnngaa	attgggggaa	480
atcangnaat	gaaacccctt	ntgatgggna	aaaacagctc	ctnttggttg	ggccttatng	540
ggaannnggc	ttcaacttan	naccttnggc	ggnaaaaccc	ttangnggaa	ttnnnnncaa	600
ntgggggggg	tn					612

<210> 281
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 281

acgctgcttc	ttcagagcaa	tacgccgcgc	tttgtgctgc	aggacacgtg	gagtaacaag	60
acgctgaatc	ttgggtgctt	tggtcctagg	tttcttacct	tctttattta	agggctttct	120
tacaacatac	tggcggacat	catcttcttt	agagagattg	aaaagtttgc	ggattctgct	180
agctcttttg	gggcccaggc	ggcgaggcac	tgtagtatca	gtcagtccag	gaataccctt	240
ctctcctttt	tttacaataa	ccaagttgag	aacgctcaga	tttgcacca	caatgcaacc	300
acgaactgat	tttctctttc	tttctcagtt	ctccttggtc	tgtaacagga	atgcccttta	360
ctcaatanca	ggcggacacg	ggcatgggtc	aagacaccct	gcttcatggg	gaaaccttgg	420
ttgncgttcc	accactggat	tccgaccaca	taaacctttc	attcttnaac	caaacgtaac	480
ancaactttt	ggngggccata	cnctttttata	naaagtccgc	ggganaagtn	ttttgcagga	540
caagcctgta	acnaatagtn	aaatcccggg	tttgatttcc	taancctttt	ccn	593

<210> 282
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

```

<400> 282
ggtacaattc aagaaactaa gtatttatgg gcattgaaga aaaaatgttg agataaaatt    60
gctgtgcaga aaaaagtgtt aatgaagccg acctgactac ttaaccttag agacctgctt    120
tacaagggtg gcccttgatt ggcattctggg aacttggagt tcagggggct tccaccattc    180
ccagaactga tcaaagtagc ttactatata taaactgtaa aacaatatag tttctcctga    240
acacctgctt tccttctggt agtctggaat tttggtatgt gccaggcaga gactaccttt    300
gtgaccagct cccagtaaaa accccaggca ctgagtctct aacaagcttt tctggttgac    360
agtgtttcac aagtgtctgt acaactgggt gctgggagaa ttaagctcat cctctgtgat    420
tccactggcc gaggattctt ggaagcttgc acttaagttt cccctgactt caccocatgg    480
gcttttttcc ttgctgattt ggtttgnatc cttcctgnat aaatcatggc ctgaaccnaa    540
cttgaaaaaa aaannnnnnn nnaaaaaaag gtncttgccc ggcggccgtt naaat          595

```

```

<210> 283
<211> 348
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(348)
<223> n = A,T,C or G

```

```

<400> 283
actttttttt tttttttttt tttttttttt ctattttttt ttttttttgg ctntanaggg    60
ggtanagggg gtgctatagg gtaaatacgg gccctatttc aaagattttt aggggaatta    120
attntaggac gatgggcatg aaactgtggt ttgctccaca natttcanag cattgaccgt    180
agtatacccc cggtcgtgta gcggtgaaag tggtttggtt taaacgtccg ggaattgcat    240
ctgtttttaa gcctaattgtg gggacagctc atgagtgcaa nacgtnttgt gatgtaatta    300
ttatacgaat gggggccttna atcgggagta cctnggccgn naccacnc          348

```

```

<210> 284
<211> 563
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(563)
<223> n = A,T,C or G

```

```

<400> 284
ggtacccatt aatttgctca gatatagcag gcttaatggt tctatatattt caaaagtttt    60
taagaatggt ttctaacgta ggagagggaa aacatccacc atcccttttc agaatttaaa    120
tggagggcag taaacattct ttacacccaa aacctatggc agcagttcaa atttgaccaa    180
ggtaaatgta gaatagagat gttctaaaca cagctaggac tcagcaagtc taacacacta    240
aaatcatatg attacatttt aaaagaaaat gcacaaaaac caaatagaaa ttttgagatt    300
ttttttcatt tgaaggtaat cttaatgcta ttaaattcac aaatgctaatt ttaaataccc    360
aatcctattt atctaaaaca cacattgcaa acacacaaat tatctattct ctccacatgt    420
cagccgccca ttcatatcat ggtttggaag tgggggagaa atagattncc cttaaactgc    480
aagtcaacan ggggttcttt acagttaact ttagccaaat tcataccaaa taccggggtg    540
cctgccngg  cggccgttctn aaa          563

```

<210> 285
 <211> 422
 <212> DNA
 <213> Homo sapiens

<400> 285
 acaatggact ggatactaga aattttcttt tcaactcaaca gaacataggc atcctggaat 60
 tcacatttct gaccttttga tgtattaata aagtatggag aaatatagcc tcgatcaaac 120
 ttcattgcctt caataatttc taattcatca ttcagtgttt ttccatcctt tactgtgatg 180
 acaccctttc ttccaacttt ttccattgca tcagagatga tattgccaat ttctttgtct 240
 ccgtttgcag aaatcgtagc aacctgtgca atttcttcag ggggtggcac aggttttagac 300
 tgcttttttaa gttcagcaat tacagcatca acagctaaca tcacacctct cctgatttcc 360
 actggattag cacctttgct aatcttctcg aagccttctt ggctatagag cgtgccagta 420
 cc 422

<210> 286
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 286
 actgttctctg cagggttaagg caggactgga actcctccac agcttgcaca tagttttcag 60
 attcaacact aacttctccg agtttaagat gtgcctgggc agcataaagc tgtgcttctt 120
 ttgtttcttg ctttttaaaa atgatctttg ctaaattccag catatcccag gcaagctcta 180
 ggttcccaat ctctctctcc tcattttctt gaagagactt gttttcaagg actgaatcat 240
 ttggcatttc ttccgtctta tcattttctt tatcatcttc ttctgagcct tcagtttcat 300
 ctatgttatc attattttct accagagatt catcttctgn tnttttctcc ttcttctctt 360
 tncacatgca caccttccaa ggcgtttcca acacaccatt ctccatcttg ccaacttcag 420
 aagtggattt ccatagaaaa agaangnttn ttcacactta ttaactgctc ttcatacttt 480
 ttacctnaaa gactaactgn ttcttggaat gcattggccg ctgctnggaa atccccatan 540
 cngaagtntt ggcctaance aaagttntta gttactttcc catccgac 588

<210> 287
 <211> 583
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 287
 actggaactc caggaagcgc tggccagcct catacgggag ccatttttct ttcactgcct 60
 ctgctgctga catcttcttc tttcccttca caccctcgaa gcctatgaag gctttctgag 120
 caggcttcag cctgggtggcc atgtcttggc caatcacacc ctgggagact gcgtcctgaa 180
 gtgacagctt ctggcccgtg gttgggtgga tgatgccacc tgtgcaggcc tgagcctcca 240
 gaagcctctg acccgtgatg ctgtcaacga tgccccgctc tataccttct gtaatggaga 300

ttttctccag	gttttctgtg	tcaaagatgg	ctgcaatggg	gctcgattct	tncaggggtgt	360
ctgaaaaaga	actgctcctt	atggntaaat	tcctgacctg	gatatggtgg	aaatcttact	420
tactgattca	tgtcggggagc	tgctaaaaac	atnatcgttg	caccactggc	catgctgtgn	480
ttggngccac	accatttttn	angngacatg	taacnaattg	antaggttag	nttccgaacg	540
gaccttggcc	ggaacaccta	aggngatcan	ncatggggcg	tnn		583

<210> 288
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 288						
ggtacttttt	tttttttttt	tttttttggt	atntagtttt	tatttcataa	tcataaactt	60
aactctgcaa	tccagctagg	catgggaggg	aacaaggaaa	acatggaacc	caaaggggaa	120
tgcagcgaga	gcacaaagat	tctaggatac	tgcgagcaaa	tgggggtggag	gggtgctctc	180
ctgagctaca	gaaggaatga	tctggtgggt	aagataaaaac	acaagtcaaa	cttattcgag	240
ttgtccacag	tcagcaatgg	tgatcttctt	gctgggtctg	ccattcctgg	acccaaagcg	300
ctccatggcc	ttcacaatat	tcatgccttc	tttcactttg	ccaaacacca	catgcttgcc	360
atccaaccac	tcagtcttgg	cagtgcana	gaaaaactgg	gaaccatttg	gggttgggtc	420
cagcattttg	catggaccan	aatgccagga	cccctatgct	ttaaggatga	anntcttatn	480
ttnaaatttc	ttcccataaa	nggcttgcca	ccaangccat	tatngcgngt	gaagcaccac	540
ctgaccata	accctggaat	aattntnnga	aaaccggacc	cttntacena	atcttttttc	600
aggggnn						607

<210> 289
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 289						
actttttttt	tttttttttt	tttgagaatg	aataagcagt	tctttaatgg	ttattttaa	60
atattccaga	agagcgttta	taattcattt	acaagtgcag	tattgcgcta	gtaaatgtta	120
cttgacctct	tgtataaata	atgccgatta	agaattagtc	ctggaatagt	tttcgaattt	180
ctaactctgt	agatctaaaa	cacaattgta	aatggtataa	agatgtaaga	atcatattgt	240
gataaagtca	atctcaaaaa	tagagaatcc	agacccttcc	cagataattt	aagaactgag	300
ttttcctcaa	cttaaacatg	atggccacac	agaaaacagt	aaagacactt	ttcgatgtga	360
tacaactgga	taaaactcga	gaatatgagt	atttagngac	caatgnatan	acattantgg	420
aatttttaaa	ncccttttaa	tctgaagccg	aaaaaaangc	cattttccaa	gaattattgn	480
gccctaata	tcatcnann	nngaataanna	tncttcccn	ggatagnnnn	nnntccnct	540
tnggaaantg	ggccnaantt	ntttggtntn	aaagggggnc	cnttaantcc	n	591

<210> 290
 <211> 592

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(592)
<223> n = A,T,C or G

<400> 290
ggacttgga atggttgtct ggaaagcttc cactttggtc ttgacggcat tcaccctctc 60
cagcaccttc tcttgattg ctaccccaaa atcatttcca tcttcaatct tggggatcag 120
gtgttgatc catgtaatca ccagaatgca tttctctttg agagtccaga cttctggctt 180
aaccagggca agcagggaca ggactttctc attcccaggg agaaatccac acttagggac 240
ttctttcttc tcttgcttat ctgtttccat ctcacatcc ttgggtggag ggtctgggat 300
ggggatgtcc agtggggccc ggagggaagt caagtcagcc acattgaggg agtcctcttg 360
caagagctga ttcaggtata tgattttctg tggcaagaat ctgtagagga attcctcanc 420
ctnctggaaa agaactctgtc tgaagacctt cacctgggtg cgggctttcc cgctaagcgc 480
accccacacg gtttgggcct gctgntttta tcttaanct ctggcttccg gntagtcccc 540
cgggaccttg ccggccggcc ntcaaagggc aattcancna ctggcgcccg tn 592

<210> 291
<211> 609
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(609)
<223> n = A,T,C or G

<400> 291
acagtggcat gatctcggct cactgcaacc tctgcctccc gggttcaage aattctectg 60
cctcagccac ccaagtagct gggactacag gtgcgtgcca ccacgcccag ctaaattttg 120
tatttttagt ggagacgggg tttcaccatg ttggccagga tgggtctcaat ctcttgacct 180
tgcgatctgc ccacctcagc ctcccaaagt gctgggatta caggcgtaag ccaccgggcc 240
tggcctgttt tatgattctt aatagttact tggtttaa atcacatttgat actatccttc 300
tgaaaagtct gagacagatc taaaaactac agtcaaaatt atagattaag aggaatgaat 360
gcacctatct ggctttaagt tgaagatgaa ttattttctca tgcctatttt cttgcngcag 420
ttatcttaga aagaccccca aaggcttggt attgtaaagc acttgcatga tcacagaatg 480
caagcttctg gtaccttcgg ccgtgacacg ctaagggcga attcatcaca attgcgggcc 540
gtacctatgg atccannctc ggtccaactt ggcggaatca tgggcatact gnttcttggn 600
nnaaatgtn 609

<210> 292
<211> 568
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(568)
<223> n = A,T,C or G

```

<400> 292
actgccaga aggagttcat aaagaataca aagaagaccc caaaagatgt cacgatggca      60
ctattgaatt cagcagcatc gatgcacaca atggtgtggc cccatcaaga cgtggtgatt      120
tggaataact tgggtattgc atgatccaat ggcttactgg ccatcttcct tgggaggata      180
atttgaaaga tcctaaatat gttagagatt ccaaaattag atacagagaa aatattgcaa      240
gtttgatgga caaatgtttt cctgagaaaa acaaaccagg tgaaattgcc aaatacatgg      300
aaacagtgaa attactagac tacactgaaa aacctcttta tgaaaattta cgtgacattc      360
ttttgcaagg actaaaaact ataggaagta aggggtgatgg caaaatggac ctcaatgggtg      420
tggaatatgg angnttgaaa gccaaaacca tnnnnnaaaa ncttagggcg aattccannc      480
actggcgggc gtnctaangg atccagcttg gnceccaactt ggggtaatca tgggcataac      540
tggtncttgg ggaaaatggt ttcccnnn                                568

```

```

<210> 293
<211> 603
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(603)
<223> n = A,T,C or G

```

```

<400> 293
ggtaacttttt tttttttttt tttttttttt tttttttctt tttttttttt tttttngcct      60
ttttaaaaaa cttttatttg agnggntntt acaaanattg nngcaatatg aaagtcattt      120
gtttgatana aatatcaagc tgncttgtca aacacnctga agtaacccaa aaatntnttt      180
caaagctcac anagcttaaa aagagcnaag attntntgca accagacaaa acctatttnt      240
gcatttccta tttctttctn aaactgnttt gcctaccaa ctttnacgtt taaacatttt      300
caggaaatgc agggatcatt ttgtttggaa tttaagacc ccccnagaacn cataggnttt      360
tacaagaaaa cttttcccca tcccttaatt gaaaagaacc ntccnaaata taaantttgn      420
aaactccent ttttgcccaa ttgatcanaa tgccagaaga natgctaacc naanagccct      480
ttaactgggc tgggattcca taccctaaan ggggtttcaa aactgggtta ccttnnccca      540
attttaacct tngggaaaag ggnaaaggan ccccggggna aaaataaggt tttgaaaaat      600
aaa                                                    603

```

```

<210> 294
<211> 617
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(617)
<223> n = A,T,C or G

```

```

<400> 294
ggtacgcggg gatcgcttcc tggtcctcgc cccctccgct gtctccctgg agttcttgca      60
agtcggccag gatgtctcag gctgagtgtg agaaagctgc agaggaggtt aggcacctta      120
agaccaagcc atcggatgag gagatgctgt tcatctatgg ccactacaaa caagcaactg      180
tgggcgacat aaatacagaa cggcccgga tgttggactt cacgggcaag gccaagtggg      240
atgcctggaa tgagctgaaa gggacttcca aggaagatgc catgaaagct tacatcaaca      300
aaagtagaag agctaaagaa aaaatacggg atatganaga ctggatttgg ttactgtgcc      360
atgtgtttat cctaaactga gacaatgcct tgtttttttc taataccgtg gatggtggga      420

```

attcgggaaa	ataaccagt	aaaccagcta	ctcaaggctg	ctcaccat	ggctctaaca	480
gattaggggc	taaaacgatt	actgactttc	cttgagtagt	tttaatctga	aatcaattaa	540
aagtggattt	tgtaccaaaa	aaaaaaaaaa	aaaaagtnct	gcccggccgg	ccntcaaaag	600
gcnaattcan	ccccttg					617

<210> 295
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 295

cgagggtactt	ttaccatgaa	catctctaga	ctgtgattat	taaatatagt	gataatatatac	60
atgggttttac	tgggatattg	aaaaataaaa	gataatgaac	ccaatttagt	aatcaacat	120
aaatacaaaa	cagagcgaat	tagccctcta	caactgagct	cgtcctgcgt	cttgagcttg	180
ggttctttct	ggaactgtct	caaaccttag	tgggggaagt	gaccttatcc	acagattgct	240
tttcccagag	gttccgcttg	ctggatacgt	ctcctggctc	caagtcagaa	ggtttgggag	300
caggtgactt	gtttccatct	ggggtttttag	ttagccattc	attgatgccg	ctagaaaccc	360
ctaccttcaa	gccagcagtt	tccttatttg	gtgtgcctgc	tgcantgggg	gatgaaaaca	420
cattcctttc	tnccacatac	tcttgatgt	tgcgtacctg	cccnggcngg	ccgttcnaaa	480
ggccaattcc	acaccactgg	cggccgtact	aatggatcca	aaactcggac	cancttggcg	540
natcatnggc	atactggttc	ctggggnaaa	tggattccgt	tacattcccc	caacttccag	600
ccnggg						606

<210> 296
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 296

ggtacgcggg	gtgccagagg	aaatcttaaa	gcgccctactt	aaagaacagc	acctctggga	60
tgtagacctg	ttggattcaa	aagtgatcga	aattctggac	agccaaactg	aaatttacca	120
gtatgtccaa	aacagtatgg	cacctcatcc	tgctcgagac	tacgttggtt	taagaacctg	180
gaggactaat	ttaccctaaag	gagcctgtgc	ctttttacta	acctctgtgg	atcacgatcg	240
cgcacctgtg	gtgggtgtga	gggttaatgt	gctcttggtc	aggatattga	ttgaacctg	300
tgggccagga	aaatccaaac	tcacctacat	gtgcagagtt	gacttaaggg	gccacatgcc	360
anaatggtcc	cgcaggaagg	ccgtcaagaa	nggctcgacc	cggntggtgt	ttcaaggaag	420
aaacattgtg	gtcttggtgt	ggaaaaaaaa	tcantgggcc	aactggngga	tgaaagacna	480
tgccggaana	nctgggcttt	ggatgacaac	ccctgcatgg	gcttttgang	ccttaccgcc	540
gatccagggt	tntnttaaca	nggcccggtg	gaatgccnaa	nccccgggta	ctttggagga	600
cccggtncct	gg					612

<210> 297
 <211> 590

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 297

acgcggggga	acacatccaa	gcttaagacg	gtgaggtcag	cttcacattc	tcaggaactc	60
tccttctttg	ggccacggaa	ttaacccgag	caggcatgga	ggcctctgct	ctcacctcat	120
cagcagtgac	cagtgtggcc	aaagtgggtca	gggtggcctc	tggtcttgcc	gtagttttgc	180
ccctggccag	gattgctaca	gttgtgattg	gaggagtgtg	ggctgtgccc	atgggtgctca	240
gtgccatggg	cttcactgcg	gcgggaatcg	cctcgctctc	catagcagcc	aagatgatgt	300
ccgcggcgcc	cattgccaat	gggggtggaa	ttgcctcggg	caaccttggtg	gctactctgc	360
agtcactggg	aacaactgga	ctcttcngat	tgaccaagtt	catcctgggc	ttcattgggt	420
ctgccattgc	ggctgcattg	cnaggtctac	taacttcctg	cccttgccctt	gcaaaaaaaaa	480
aaaccttgcc	agggaaaaag	nccccaancc	ttctgaacca	accanggggc	ccacttttcc	540
aaaatacctn	ggngggaaaa	tncccaattt	tgantttcnn	aggaaanana		590

<210> 298
<211> 590
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(590)
<223> n = A,T,C or G

<400> 298

ggctactttga	gccactctcg	catggaaagg	agtgtcttta	tgctctgacc	tcaagctgtg	60
ggctcttcca	attatgcttc	caccagtgcc	ggactgaagt	atcctggaag	tggggctgac	120
cttcctcctc	cccaaagagc	agctggagac	agtgggtgagg	attcagacga	cagtgattat	180
gaaaattttga	ttgaccttac	agagccttct	aatagtgaat	actcacattc	aaaggattct	240
cgacccatgg	cacatcccga	cgaggacccc	aggaacactc	agacctccca	gatttaacta	300
aacaaaagaa	actctccacc	tagcactggt	tttcttcatt	gcttactgag	agggtttttg	360
agaacttaat	ctgggggggag	aactgctttc	tcagatcctt	aactcccagag	aagagaagtc	420
cttgtgcaca	gaacttggtg	gaaccttcat	ccgntgtctt	tacctttgga	tccagtgtgc	480
aagtttcatg	acngaatacat	taagatatca	aatggcctaa	tttgngcna	atcatggtat	540
actgggaaaa	ttaggcnaat	ggaacttntc	accgantttg	gtcttttaan		590

<210> 299
<211> 549
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(549)
<223> n = A,T,C or G

<400> 299

cgaggtacaa	agatctgac	tgtaacccag	ggacccattt	cacccac	tctgtttggc	60
cgccagtctt	ttgtctctct	cttcagcaat	ggtgaggcgg	ataccctttc	ctcggggaag	120
agaaatccat	ggtttgttgc	ccttgccaat	aacaaaaatg	ttggaaagtc	gagtggcaaa	180
gctgttgcca	ttggcatcct	tcacgtgaac	cacgtcaaaa	gatccagggg	gcctctctct	240
gttggtgac	acaccaattc	ttcctaggtt	agcacctcca	gtcaccatac	acagggtacc	300
agtgtcgaac	ttgatgaaat	cagtaatctt	gccagtctct	aaatcaatct	gaatggatc	360
attcaccttg	atgaggggat	cggggtaacg	gatggtgcgg	gcacatcatg	tcaccagatg	420
anggattcct	tttgtgccca	caaagatctt	tctactttgc	ancacacact	ggcggncgta	480
ctagtggatc	cacttcgnac	caacttggcg	tatcatgggc	tnactggtnc	cgggggaaat	540
ggtatccnn						549

<210> 300
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

actccagcct	ggggacagag	gcaagactcc	acctcaaaaa	agaaatattt	agcaaataatt	60
aaaggacaag	aggggaatata	tggtttaaaa	attataatgc	acgttagatg	aaaagtaata	120
ggatgagatg	gttgttgctg	aaatagcact	tgctatataa	attcaaacat	tccttttcaa	180
attcagcttc	tcagagggtt	gacttcagat	gcttgagcac	tttcaacatt	atctttgcct	240
ttatccttcn	ttatgcggat	aaacacaaact	gctaaaatta	taccattgat	tttggaaact	300
tcccagtcgt	tttghtaagct	tcactgccga	gggaaaatgt	aaaatgggga	ccccgaaata	360
aagtgtctgat	catcatcaag	tagcctcgaa	aatgagactt	tcaggtgcac	tgaaggggat	420
ggcagaagaa	caagccccgt	gtagtccttg	ctagcctggg	aagggtggca	ttcacatcct	480
taaggatcan	gtggactttg	acnccgaact	taaaggaaga	accccttatt	ntgggggccac	540
cacttgacct	tgggcccggaa	cacccttaag	gcgaattcca	cacactgggg	g	591

<210> 301
 <211> 655
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(655)
 <223> n = A,T,C or G

cgaggtactc	tttaaaaagg	gactgcaggg	ctgggtgtag	tggctcacac	ctgtaatccc	60
agcacttttg	gaggccaagg	cagggtgggtc	acttgaggcc	aggagttaga	gaccagcctg	120
accaacatgg	caaaacccca	tctctactaa	aatacaaaaa	ttagctgggc	atgatggtgc	180
actcctgtaa	tcccagctac	ttggtaggct	gaagcatgag	aattgcttaa	acctgggagg	240
cagaggttgc	agtaagccaa	gatcatgcc	ctgcactcca	gcctgggcaa	cagagtaaga	300
ctctgtctta	ataaataaat	aagaaaataa	aacggaactg	cagtgtctaac	agtaatttat	360
acatttttaa	atgttctgag	tatgttttga	ctgggctagt	gtaacaatat	actaccctga	420
aaagtgcagt	tttgattggt	ggtggtgtct	ttgggtcang	aaaagtgaac	tgtgccaaaga	480
agtatttttc	aatgacatga	atggattnct	gttaatgcaa	ttgactgaga	aaatgngctt	540

acgcttttctt	aactgcaa	agagntttgt	ccacatcana	attgtt	ctggngctgt	600
ttctgttgcc	tgggatctga	tgactgggat	tctctcttgg	acaaaaanacc	tgatn	655

<210> 302
 <211> 513
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(513)
 <223> n = A,T,C or G

<400> 302						
actcgtcttg	gtgagagcgt	gagctgctga	gatttgggag	tctgcgctag	gcccgccttgg	60
agttctgagc	cgatggaaga	gttcactcat	gtttgcaccc	gcggtgatgc	gtgcttttcg	120
caagaacaag	actctcggct	atggagtccc	catgttgatg	gatcctgagc	ttgaaaaaaaa	180
actgaaagag	aataaaaatat	ctttagagtc	ggaatatgag	aaaatcaaag	actccaagtt	240
tgatgactgg	aagaatatcc	gaggaccacg	gccttgggaa	gatcctgacc	tcctccaagg	300
aagaaatcca	gaaagcctta	agactaagac	aacttgactc	tgctgatttt	tttttccttt	360
ttttttttta	aataaaaata	ctattaactg	gacttcctaa	tataacttc	tatcaagtgg	420
aaaggaaatt	ccaggcccat	ggaaacttgg	atatgggtaa	attgatgacc	aataatcttc	480
acttaaagnc	atgtcctttg	gccgcgaaca	cgc			513

<210> 303
 <211> 610
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(610)
 <223> n = A,T,C or G

<400> 303						
acgcggggct	tgcagagccg	gctccggagg	agacgcacgc	agctgacttt	gtcttctccg	60
cacgactgtt	acagaggtct	ccagagcctt	ctctctcctg	tgcaaaatgg	caactcttaa	120
ggaaaaactc	attgcaccag	ttgcggaaga	agaggcanca	gttccaaaca	ataagatcac	180
tgtagtgggt	gttggacaag	tnggtatggn	gtgtgctatc	agcattcttg	gaaagtctct	240
ggctgatgaa	cttgctcttg	tggatgtttt	ggaagataag	cttaaaggag	aaatgatgga	300
tctgcagcnt	ggggagctta	tttcttcana	caccttnaaa	ttgtgggcag	atnaagatta	360
ttctgtgacc	cgtcaattct	tanattngta	gttggtnact	gcatggaatt	cngtcagcaa	420
gaaangggaa	aantctngtt	caatttggtt	gnataagaan	tggttaatgg	tcttcaaatt	480
cnttattcct	tcagancggc	caagtacctn	ggccnganc	atgcctaagg	gctaattcna	540
ctcantggng	gccgntctan	ntggattcca	ncttgggtacc	aancttggng	ntattnatgt	600
caatanctgg						610

<210> 304
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

<400> 304

ggtacctgga	attatcta	att	tggccagagg	tggcgcccga	cccatcagtt	cgaaatgtag	60
aagtaataga	gttggcaaaa	gaatggaccc	cagcaggaaa	agcaaagcaa	gagaattctg		120
ctaagaagtt	ttattctgaa	tctgaggaag	aggaggactc	ttctgatagt	agcagtgaca		180
gtgagagtga	atctggaaag	tgaaaagtgg	agaacaaggc	cgaaagtggg	ggaggaagga		240
gacagcaatg	aggacagcag	tgangactcc	tncagtgagc	angacagtga	gagtggacgg		300
gagtcaggcc	tagaaaacan	angaacagcc	nagangaact	caaaagccaa	agggaaaaag		360
tgattctgaa	gatggggaga	aggaaaatga	aaaatctaaa	acttcagatt	cttcaaatga		420
cgaatctagt	tcaattanaa	gacagttctt	ccgattcttg	aatcagaatc	agaacctgaa		480
agtgaatctt	gaatncngaa	cagtcgctta	ggagaaagaa	agaaaccaag	caggattgac		540
tccttttnc	aagntgttcc	ttctaaactg	gatgatttaa	ccngntccct	cagtgn		596

<210> 305

<211> 629

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(629)

<223> n = A,T,C or G

<400> 305

ggtactttnt	tttttttttt	tttttttttt	tttttttttt	tggggattta	ntttttattt	60
cataatcata	aacttaactn	tgcaatccan	ctaggcatgg	gagggaacaa	ggaaaacatg	120
gaacccaaag	ggaactgcag	cgagagcnca	aanattntng	gatactgcga	gcaaatgggg	180
nggaggggng	ctntcctgag	ctacaaaagg	aatgatctgg	tggntaaaat	aaaacacaag	240
tcaaacttat	tnnagttgtc	cacagncagc	aatggngatc	ttcttgctgg	ncttgccatt	300
cctggaccca	aagcgctcca	tggcctccac	aanattcatg	ccttctttna	ctttgccaaa	360
caccacatgc	ttgccatcca	accactcant	cttgggnagn	cagatgaaaa	actgggaacc	420
atttttnttg	ggtcenacat	ttccatggca	aaangccang	accnttgcct	ttaagaagaa	480
aatctcatct	tcaaattctn	ccctaaanga	cttgcncan	gccntntggg	tgngaagcnc	540
cccctgncca	taaccctgga	tatttttgaa	agaggancct	ntacnaacnt	ttttccnggt	600
aanaaaaaat	ttttnttttg	acctnccca				629

<210> 306

<211> 643

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(643)

<223> n = A,T,C or G

<400> 306

acagggagga	atttgaagta	gatagaaacc	gacctggatt	actccggtct	gaactcagat	60
cacgtaggac	tttaatcggt	gaacaaacga	acctttaata	gcggtgcac	catcgggatg	120
tcctgatccc	ccgcgtacat	ttccttgtag	actctgttaa	tttctgcag	ctcctggttg	180

gttctggagc	agatgatct	aatgagagag	tctctgtcgg	ttcccag	cttcatggaa	240
gcttttatct	cagaagcgtc	atactgagca	ggtgtnttca	ataggcccaa	aatcaccgtc	300
tccaggtggc	cagataaggc	tgacttcaat	gctgatgcaa	gntccttttt	ggtecttctc	360
tggtaggcga	aggnaatatc	ctgtctctgt	ncattgcttg	cggntgggca	aaatgttgac	420
aatggtgacc	tcatccacac	ctttggtctt	tgatggntgg	ntcaatgttc	aaagcatccg	480
ctcagcatca	aaantaagta	tangctttgc	agacccatat	gcacttgggg	gngnngagng	540
acaccctcca	actgaacttg	ccaggatttn	tgaaagtaan	anttttaaga	acttgccgnc	600
cccanactaa	acnnccaate	tagcccnntn	cctaacggcc	aag		643

<210> 307
 <211> 643
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

cgaggtactt	tttttttttt	ttttttttnt	ttntntntnn	tttggggatt	nantttttat	60
ttcataatca	taaacttaac	tctgcaatcc	aactaggcat	gggagggaa	aaggaaaaca	120
tggaacccaa	agggaactgc	ancgagagca	caaanattct	nggatactgc	gancaaatgg	180
ggngggaggg	tgctctcctn	agctacaaaa	ggaatgatct	ggtgggttaan	ataaaacaca	240
agtcaaactt	attcnagttt	tccacagnca	gcaaagggga	ncttcttgnt	gggcttgcca	300
ttcctggacc	caaaacgctc	catggnetcc	caaaatttat	gccttttttt	actttgccaa	360
anaccacatg	ctttgccttc	caccnctcan	tttttgnggg	ggnaaataaa	aancgggaac	420
cnnttggtgt	tggnccnaca	ttttccnttg	gnaaaaaacc	ncgaccctt	tnnttaagaa	480
naaaattttta	nttttaaaat	tttcccctaa	aaaggactgg	cccnaaggcn	ttttgggggn	540
gaagcccncc	ntccccnaaa	cctggaaaaa	ttttggaagc	nggacccttt	accaaactct	600
tnctctggtt	aaaaaaaaat	tttttttttt	gacctttccc	aan		643

<210> 308
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

cgaggtacag	agagtagctt	ctgtgatgca	agaatatact	cagtcaggtg	gtgttcgtcc	60
atttgagggt	tctttactta	tttgtgggtg	gaatgagggg	cgaccatatt	tatttcagtc	120
agatccatct	ggagcttact	ttgcctggaa	agctacagca	atgggaaaga	actatgtgaa	180
tggaagact	ttccttgaga	aaagatataa	tgaagatctg	gaacttgaag	atgccattca	240
tacagccatc	ttaaccctaa	aggaaagctt	tgaagggcaa	atgacagagg	ataacataga	300
agttggaatc	tgcaatgaag	ctggatttag	gaggcttact	ccaactgaag	ttaaggatta	360
cttggctgcc	atagcataac	aatgaaagtg	actgaaaaat	ccagaatttc	agataatcta	420
tctacttaaa	catgttttaa	agatggtttg	tttgcaagac	tttttgcata	cttanttcta	480
catgaattaa	atcactgggt	tnaatgaca	cttattaatc	ctaataactg	gtnaaccnc	540
aaaaaaaaaa	aaaaaaaaaa	ntacttnccc	ggcggccgct	gaanggcaat	tcacncctgg	600

cggccgtcta tggatcca cggncacact gggnaacagg cnactggc tgg

653

<210> 309
<211> 649
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(649)
<223> n = A,T,C or G

<400> 309

acttgcaaaa	gcacttgaag	tcattaaacc	agctcatata	ctgcaagaga	aagaagaaca	60
gcacagcttg	gctgtcactg	cataccttaa	aaattcacga	aaagagcacc	agcggatcct	120
ggctcgccgc	cagacaattg	aggagagaaa	agagcgccct	gagagtctga	atattcagcg	180
tgagaaaaga	gaattggaac	agagggaagc	tgaactccan	aaagtgcgga	aggctgagga	240
agagaggctg	cgccaggaag	caaaggagag	agagaaggag	cgtatcttac	aggaacatga	300
acaaatcaaa	aagaaaactg	tccgagagcg	tttggagcag	atcaagaaaa	cagaactggg	360
tgccaaagca	ttcaaagata	ttgatattga	agaccttgag	gaaatggatc	cagattttat	420
catggctnaa	cagggtgaac	aactggagaa	agaaaagaaa	gaacttcaga	acccttaaga	480
atcagaaaag	aagattgctn	ttttgaagac	ccacctttgg	aaaaattcct	ttgttaagag	540
cctttcgagg	acagaaaatt	aagacatggg	ctggggngcc	cccgaggaga	aagaattctc	600
ctgcccttga	cgtgaaaggt	nttgcataaa	atcatgtccn	atcttgaga		649

<210> 310
<211> 319
<212> DNA
<213> Homo sapiens

<400> 310

cgaggtacta	gccggacttg	gattttcttg	aaagatttca	gttgaggaac	gggaacaaag	60
attatgatag	ctttccgacc	accaccaact	tcaatttcct	tagctgccgt	aatattcagc	120
tccctgagct	gagccttgag	gtccgagttc	atctccagct	ccagaagagc	ctgggagatg	180
ccggactcga	actcgtccgg	cttctcgcca	ttgggcttca	cgatcttggc	gctcgaactg	240
aacatggcct	tctcctggga	gaacttgccg	agcgccggct	taggaagaga	ccccgcgtac	300
ctgccggggc	ggcgctcga					319

<210> 311
<211> 646
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(646)
<223> n = A,T,C or G

<400> 311

cgaggtactg	atgcaacagt	tgggtagcca	atctgcagac	agacactggc	aacattgcgg	60
acaccttcca	ggaagcgaga	atgcagagtt	tcctctgtga	tatcaagcac	ttcgggggtg	120
tagatgctgc	cattgtcgaa	cacctgctgg	atgaccagcc	caaaggagaa	gggggagatg	180
ttgagcatgt	tcagcagcgt	ggcttcgctg	gctcccactt	tgtctccagt	cttgatcaag	240

ctgcacatca	ctcangat	caatggtgcc	cctggagatt	ttagtgg	tacctaaagc	300
ctggaaaaaa	ggaggtcttn	tntggcccca	aaccaatggt	ctgggctggc	caatgacttc	360
acatggggca	atggcaccaa	caccggcaga	acttgnaccc	tattgccaca	acatgtcctt	420
atctnaatga	nggncttctt	tgtgaaaaca	aaccccatc	cccgaatta	agnacaantt	480
cttcaaactt	gggtggnttc	aagggcctcg	atngcctgcc	catatnggg	ttttgccata	540
aaacacaacn	tccnnaaag	gaatccgant	nttgttttgt	tggancccat	ttttgttccc	600
aagaaaattn	ggtaatatcc	aaattgggga	attaggaaaa	tgggnt		646

<210> 312
 <211> 622
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(622)
 <223> n = A,T,C or G

<400> 312						
cgaggtactt	ttgtgagagg	gttcaatggg	agagcttta	tgcagatgag	acttgaagct	60
tctgaagaag	atctaagtct	tgatgagggt	attcaaactc	aaatcttgaa	tgcataatga	120
tgataggcca	tggtcttcaa	aaacgtggta	cttttaata	caacagggtt	tcaccatggt	180
ggccaggctg	gtctcaaatt	cctgacctca	agtgatctgc	ccacttaagt	gctgggatta	240
caggcatgag	ccacaacatc	tggccagaaa	tattttttct	tttctttctc	tttctctctc	300
tctttttttt	tttttttttt	tttgagctc	gctctgtccc	ccagctgcaa	tgcaatgggg	360
caatcttaac	ttactgnaac	ctccccctcc	aggtcnaaag	aatctttgng	ctacctccta	420
natntnggaa	tacaaggcg	tccccacct	actaattttg	ntttttaaga	aaaggagggt	480
ttancatggt	ggttnngntga	tcccaacctc	cgaccttaan	gancctccgc	ctaatttcca	540
aaggctggat	nttggctgan	cccacccenc	ttaacaaaa	ttnaaattct	tttntcctgc	600
cgggggagctt	aaagggaatc	aa				622

<210> 313
 <211> 674
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(674)
 <223> n = A,T,C or G

<400> 313						
nggacttgaa	atcattgaag	ttctgcaaaa	aggagatgga	natgcacaca	gaaagaaaga	60
tacagagggtc	cgcagacggg	agctcctaga	atccatttct	ccagctttgt	taanctacct	120
gcntgaacac	gcccaagacg	tggtgctaga	taagtcagcg	tgtgngtagg	tntctgncat	180
tccngggaac	agacnaattn	gacctnagg	naacctgagc	ttnccaaagt	ncgcaaggct	240
gaagaagana	ggctnctcca	ggaagccnac	gagaaagana	aangagccgt	attttacncg	300
aacatgaaca	aatcaaaaaa	naaaactgtc	cgaaaaccgt	ttggagcaaa	ncaanaaaaa	360
cagnacctgg	gngcccaaag	cattcnaana	tatttgttat	tancncaccn	tgatggattc	420
naaacnttat	ttttntcttg	cncggctggg	ccgcccggct	ngngnaaaga	aaagaacttt	480
nctaccnctc	ccgaatcaag	aaaagaanat	ggcttttttn	taaaanncaa	cccttgggaa	540
aaaattcttt	gtttaananc	cctccaangc	ccgggaaatt	aattcatgct	ttgtgtgngc	600
gaccnannaa	aaaanaanan	atccttccct	ccccttaann	gaaaagggcc	ttncaaaaaa	660

<210> 314

<211> 646

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(646)

<223> n = A,T,C or G

<400> 314

actttttttt	tttttttttt	tttttttttt	tttgagatgg	agtcttgctc	tgtcgcccag	60
gctggagtgc	agtgttgcca	tctcagctca	ttgcaacctc	tgcctcccag	gttcaagtga	120
ttctcctgcc	tnagcctcct	gagtagttgg	gactacaggc	acatgccacc	atgcctggct	180
aatttttttg	catttttaag	tanagacagg	gtttcatcat	gttgccagg	caggtntcaa	240
actcctgacc	tcaagtgatc	cacctgtctc	agcctcccaa	agtgtggga	ttacaggcat	300
gagccactgn	acccggccta	aaaatgatta	cttcttataa	aaaggatttc	ttccccttca	360
caacacttan	cttctttttt	ctttcctggg	aactatgggt	ntggngnccg	cataaggatc	420
taccttnenc	aagctggaca	ntgggggttg	ctncttgang	gnaactcagg	ccanatacng	480
accctggggg	gaacnctaaa	cttacttggg	tanaaccggg	gctaacattt	ctgcttngga	540
ngttgattcc	ccncaaattt	ttaaaaggnn	tttcatggcc	cttagggcaa	ccattttaca	600
aagatgggnc	acatgggnctt	ggccgnaacc	cctangnga	ttcncn		646

<210> 315

<211> 666

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(666)

<223> n = A,T,C or G

<400> 315

acagtctttg	gatatttagg	aaggggatgg	ggagaaagtc	agttctcaga	acaaatttagt	60
cagcttcagt	ctcgtcagca	gggtctttgg	attctttggt	cttcgcgact	tcttcaatgt	120
gcttatecct	ctctcgcaaa	cgttccagtt	tggcagccat	ttgtgcctct	cggttctctt	180
tattagcttc	cattttgtgg	gtcagtttct	cttctgccat	tttactgaag	ttgntgttct	240
cttctattgc	cttctgaagc	acttctttct	cgtgctctcg	tttctcancc	agctgcttca	300
agaccttagc	ttcatgggac	ttgcgtcttt	cttctgcagc	ttctaatttc	ttctgaattt	360
cctccaggga	aagaccttct	tctttggaag	ggaaaggggg	aattctggaa	ccagattctt	420
ttgacccaag	gctgaaaatc	agcttaaaag	cctggccttg	angcaccctt	tttcagntct	480
ttcacctgga	tatcntaaag	aagccctngt	gattnaaaac	aagccnaccg	gcantnnatt	540
ntgncaanan	cnnggataan	gnaatccctg	tnaantccna	cccctnacc	cattttcccg	600
ggaccttgge	ngnaaccctt	tanggnga	tcnncnctn	ggcgggcgta	ctaangggac	660
ccaccg						666

<210> 316

<211> 656

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

<400> 316

actcttggtt	tgtcaatggg	actttccagc	aatccaccca	agagctcttt	atccccaaca	60
tcactgtgaa	taatagtgga	tcctatacgt	gccaagccca	taactcagac	actggcctca	120
ataggaccac	agtcacgacg	atcacagtct	atgcagagcc	acccaaaccc	ttcatcacca	180
gcaacaactc	caaccccgtg	gaggatgagg	atgctgtagc	cttaacctgt	gaacctgaga	240
ttcagaacac	aacctactgt	gggtgggtaa	ataatcagag	ccttcccgnc	aagtcccagg	300
cttgcagetg	gccnatgacc	aacaggaccc	tnactctact	tagtgtcaca	aggaatgatg	360
ganggacct	atgaagtgtg	gaaaccagaa	ccaattaagt	ggtgnccaca	cganccaggc	420
attcttgaat	ggcccttatg	gnccanaaga	acccaccatt	tcccctnata	cacctaatnc	480
cgtccagggg	gaaccttaag	ctntctggca	tgcaancett	aacctctggc	aggattcttg	540
gnttaatgaa	gggaacattc	nnaccnccc	agaagttttt	attttcaact	tacttggaan	600
aacggggggt	ntttactgcc	ngccataact	taacnggggc	cnnancggac	ttcgnn	656

<210> 317
 <211> 636
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(636)
 <223> n = A,T,C or G

<400> 317

actttttttt	ttttttttt	ttttttttt	tttgnagtca	gctattttaat	taggttctta	60
agacatttag	aacaccaatt	tgngaggata	aattccattc	gtcagagcaa	acacagatcg	120
caggtagccc	tggagctgag	gaatagcttt	gatttttggg	aaaatttgtg	agtccacagc	180
tttctgatca	atcttgcgct	gtcccgtaat	ctcatatttc	cctttttctg	ggncgaaaan	240
cttacctttc	tggggnnntgg	gcttnccgag	cttcttcttn	ttgaagtaag	catnagtaan	300
aagnnttggt	anttttacan	tgntgatann	cattttggnt	gaagnggnan	tgacnaattt	360
ctgggggggt	cttcgtaaag	gaactcnant	gaggcccaag	ggnccgccn	agtaataagg	420
ccctnnanc	tggttangga	aacccccnt	tggcctgggg	ggncangag	gntgatccaa	480
atggccccgg	ggaaaagcng	gntcaanttt	tnacggctnc	tnaaagggtt	ttgccnggnt	540
taancttttn	ggncnttttc	agnggaaana	ccngctttgn	nantntacce	ccggnctctc	600
ggcggaacc	nttaggggna	attncncnct	ggggggg			636

<210> 318
 <211> 654
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(654)
 <223> n = A,T,C or G

<400> 318

cgaggtacgc	ggggccttt	tgcccggtgga	cgccgccgaa	gaagcat	ttaaagtctct	60
cttcaccctg	ccgtcatgtc	taagtcagag	tctcctaaag	agcccgaaca	gctgaggaag	120
ctcttcattg	gaggggtgag	ctttgaaaca	actgatgaga	gcctgaggag	ccattttgag	180
caatggggaa	cgctcacgga	ctgtgtggtg	atgagagatc	caaacaccaa	gcgctncagg	240
ggctttgggt	ttgtcacata	tgccactgtg	gaagaggtgg	atgcagctat	gaatgcaagg	300
ncacacaagg	tggatggaag	aattgtggaa	ccaaagaaaa	ctgtcttcag	agaagattct	360
taaagaccan	gtgcccactt	aactgtgaaa	aagatatttg	gtggtggcat	taaagaagac	420
actgaagaac	atcactaaga	gantattttg	aacagtatgg	anaaaattgn	agngattgaa	480
atnatgactg	ccnangcagt	ggcancaaan	ggggccttgg	ctttnnacct	ttgacnacca	540
tgactcnngg	ataaaatggn	attcnnaaat	ccctcntgng	aatggccnca	ctgggaagtt	600
ngaaancctn	ncaacnagaa	agggtncgnt	tnntccncca	aangcnaang	tttc	654

<210> 319
 <211> 659
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(659)
 <223> n = A,T,C or G

<400> 319

acgcggggaa	gccaactcag	actcagccaa	cagagattgt	tgatttgcct	cttaagcaag	60
agattcattg	cagctcagca	tggctcagac	cagctcatat	ttcatgctga	tctcctgcct	120
gatgtttctg	tctcagagcc	aaggccaaga	ggcccagaca	gagttgcccc	aggcccggat	180
cagctgcccc	gaaggcacca	atgcctatcg	ctcctactgc	tactacttta	atgaaagacc	240
gtgagacctg	ggttgatgca	anatctctat	tgncagaaca	tgaattnngg	caacctgggtg	300
tctgtgctna	cccangccca	agggtgccct	ggggcctcac	tgattaanga	aantggcact	360
gatgacttca	atggctggaa	tggccttcat	gaccccnaaa	agaacccgc	gnttgactg	420
gacagtgggt	ccctngntct	cttacaagtc	tggggcaatt	gganccccaa	nccatgntaa	480
ttcnggctac	tggggtgagc	nnacctcagc	ccaggatttn	gaantggaan	gcctgncttg	540
ggaanacaag	ttcttctttt	gctngcaagt	tcaaaaccta	atgcagctgg	aaaatcatnt	600
ctanaactga	tcagcattcn	accgnttcaa	attaaccggc	ctttttcant	tanttaccg	659

<210> 320
 <211> 664
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(664)
 <223> n = A,T,C or G

<400> 320

ggtactctgc	cttttaggag	atgaggtaag	acatatatcat	agatggcctt	tactagccaa	60
ggcaatgtaa	atggactaag	attctcatgt	gacttgagg	tatctgatga	atttattctc	120
ttcaaaacca	cctactttta	gagggcatgt	ttaacccctc	tctttattta	aggagggaga	180
gaaaaacaca	tgtaacccaga	attcagagtg	ggttactcaa	cctaagagaa	catacggagt	240
tctctttggg	aaaacgacaa	gactacagtg	ttcacttcgc	accatgaagt	ggcactcctg	300
ntatggctgc	agantcctct	tacttcttat	gaaaggatgc	atctgattct	gaaattactg	360
atatattcga	tcagttaggg	atgnttttaa	aagngaaaac	caatgccaca	catacacttt	420

ctagctttct	gaaaatnac	cgacacattn	ccnaaaatng	agaattt	ctattacttt	480
tagagaaatt	tccataatat	tcttgggtaa	agaancccng	ttgggcatat	tnccaatttt	540
cagnngnct	ggttttatgc	ccnaganccc	aataggntcc	cccatttttt	aaggcttttt	600
ccacngacga	ttttttaaan	cnttctnnan	tgggggaaga	ataatcttaa	aagtngnctt	660
atnt						664

<210> 321
 <211> 666
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(666)
 <223> n = A,T,C or G

<400> 321

cgaggtacag	tattacagtc	agccacagaa	gctgtgttgg	gggacaagac	ccaatccttc	60
cccacaccag	gcaaagcagt	attggacatg	agttggcatg	tggctgggcc	cacgtcctta	120
tccccaggc	ctgaggggag	accaccttct	gatgataacc	aacccttagc	taccactctg	180
tattcatcag	gggaggggta	taaaccccg	atgcaagaag	aacccttgcc	cccagtgtca	240
aatgggatgg	ggatgctaga	gttatagtaa	aggggaaacc	ctatgtaagc	tgntaacaga	300
gttcacaggg	gtagggataa	cccctgntct	tcagctncca	aatgngctca	ctttccagct	360
tcttcatccg	tcatcaatgc	tggcaaagtt	tcctnaact	gnggccaggt	tttcacgcat	420
gggtggctgc	acctgggtca	aaaaggtggn	attggccntt	aaggaattag	caatcatntg	480
ctgggtggga	ttccagtgtg	taaggaactt	anccaactgc	atggnttgnt	tgtgcanctg	540
cttgatggng	acaagtttnt	gcaccanctn	aaggaagggtg	gaagcatggg	gctcaacctn	600
gataagttca	tatacttggg	gncncttgc	ttgggatctg	catntttaca	aggnttaten	660
tggcan						666

<210> 322
 <211> 631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 322

accggaaagg	aagctcccat	tcaaaggaaa	tttatcttaa	gatactgtaa	atgataactaa	60
ttttttgtcc	atttgaaata	tataagttgt	gctataacaa	atcatcctgt	caagtgtaac	120
cactgtccac	gtagttgaac	ttctgggatc	aagaaagtct	atttaaattg	attcccatca	180
taactgggtg	ggtacatcta	actcaactgt	gaaaagacac	atcacacaat	caccttgctg	240
ctgattacac	ggcctggggg	ctctgccttc	tccccttacc	cttccggctc	caccttcct	300
gcaacaacag	ccctntacct	ggggggcctt	ntagaagaga	tgtgaagggt	tcaaggtcgc	360
aacctgtggg	actactgcta	ggtgtgtggg	gnggttcgcc	tgcacccctg	ggttctttaa	420
gncttaaagt	gatgcccctt	tccaaccatt	attctggnc	cacacttctc	actccggcct	480
tggncnanca	taaatgnacc	ccttcacttc	ctntgagaat	ggccttcgng	aagaatcnag	540
gctttcccaa	ncttctttcc	ccccnttatc	angggngctg	gttttctnct	ctcnaaggtc	600
ntttgaccgn	accaccaaac	ttctgaattn	t			631

<210> 323
 <211> 647
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

<400> 323

actgtggggtc	gaagtaatgg	atacggacgt	aaccatcttc	gccgccgctg	ctgtagctct	60
tgccatcagg	atggaaggca	acactgttga	taggtccaaa	gtgacccttg	actcttccaa	120
actcttcttc	aaaggccaaa	tggaagaacc	tggcctcaaa	cttgccaatc	ctgggtggagg	180
ttgtgggttac	atccatggct	tcctgaccac	cgcccaggac	cacatgggtca	tagttggggg	240
agaggggcagc	tgagttgaca	ggacgttctg	tccggaaagt	cttctgatgt	tcaagagttg	300
tggagtcgaa	aagcttgggt	gtgttgctct	tggacgcggt	cacaaacatg	ggcatgtccc	360
tggataactg	gatgtccgtg	atctgcccgg	agtgttctt	aacattacca	acacctnttc	420
aaanttggca	ctatactggg	tgagctcttc	acttttatng	gcaacgnatg	atcacttccc	480
caaggggtccc	caaacagcac	tggggaattt	agagncattc	cagggaactt	tatgtagggt	540
tcatggtgca	attggttnga	tccccagggtc	aaaaagttnc	aaacactgga	nccctttctt	600
gtccnnggag	aacatgttat	ttgccccaaag	taaaaccng	nccggng		647

<210> 324
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 324

ggtacttttt	tttttttttt	tttttttttt	ttgagatgga	gtcttgetct	gttgccagac	60
cggagtgcag	tggtgcatc	tgggtcact	gcaatctcca	cctcccgggt	tcaagcgatt	120
ctcctgcttc	agcctcccga	gtaactggga	ctacagggtg	gcgccaccaa	gcccagctca	180
tttttgtatt	tttagtanag	atgggggttc	acgatgttgg	ctaggatggg	ctcgatctct	240
ggtcagagtc	ttttctgtaa	aaatccttgg	taaagaagca	attttagact	gtancctgtt	300
gcaaattgcnt	taaggaagaa	gcaaaacaac	tgntagtctt	tctgaaatga	aaaaactacn	360
ccagggctgg	tatatnnaga	gcaaccccaa	ccannactnc	catcntgatg	cccacagggg	420
cccactgana	naccngaaa	angtccnaa	gentaaannt	ngangcnttg	cttttgaaat	480
attgcgcng	taccnagntn	nagacaaacn	ngnttaaggc	ccnnantntt	tggccngant	540
ttgcgataaa	aaaaacttgg	gggtcgctnc	nngatcccn	ttgtncceca	naanctgggg	600
ggatgggttn	aagcccntgn	cnnaagggtt	nngttctccc	aaggtaaaan	nng	653

<210> 325
 <211> 655
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(65)
 <223> n = A,T,C or G

<400> 325

ggtacgcggg	gccttttggc	tctctgacca	gcaccatggc	ggttggcaag	aacaagcgcc	60
ttacgaaagg	cggcaaaaag	ggagccaaga	agaaagtggg	tgatccattt	tctaagaaag	120
attggtatga	tgtgaaagca	cctgctatgt	tcaatataag	aaatattgga	aagacgctcg	180
tcaccaggac	ccaaggaacc	aaaattgcat	ctgatgggtc	caaggggtcg	tgtgtttgaa	240
agtgagtctt	gctgatttgc	agaatgatga	agttgcattt	agaaaattca	agctgattac	300
tgaagatggt	caagggtaaa	aactgnctga	ctaacttcca	tggcatggat	cttaccctg	360
acaaaatgtg	gtccatgggc	aaaaaatggc	agaccatgat	tgaagcttac	ggtgatgtca	420
agactaccga	atgggtactt	gcttcgtctg	gtctgggggtg	ggtttactaa	aaaacgcaca	480
atnanatacc	gaagaactct	tatgcttang	accacangtc	cngccaatcc	ggagaaanata	540
tggaaatctg	accccaaagn	gccnaccaat	gacttgaaaa	annggccatt	aaatgggttcn	600
nacacnttgg	aaaagcctta	aaagggttgcc	aantattaac	ctntcatgaa	gnnttc	655

<210> 326

<211> 657

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(657)

<223> n = A,T,C or G

<400> 326

ggtacgcggg	ggaaacggga	gtgaacggag	agcgtagtga	ccatcatgag	cctcctcaac	60
aagcccaaga	gtgagatgac	cccagaggag	ctgcagaagc	gagaggagga	ggaatttaac	120
accggtccac	tctctgtgct	cacacagtca	gtcaagaaca	ataccaagt	gctcatcaac	180
tgccgcaaca	ataagaaact	cctgggccgc	gtgaaggcct	tcgataggca	ctgcaacatg	240
gtgctggaga	acgtgaagga	gatgtggact	gaggctactt	tttttttttt	ttnttctttt	300
ttttgagata	gggnctcact	gnatnaccca	ntntggaatg	caattggcat	gaacncagct	360
tactgnagnc	ttccaaacct	gggctcaagc	aattatnttg	nattaacctn	ttgagtacct	420
gggactntcn	cangcaccan	ccctgctttg	cttacttaaa	tttttgtnaa	nacnnggctt	480
gctttttttc	ccaggntggn	tcnaactccn	gaattaaggg	atccttcccc	ctcaattttt	540
aaannngctg	ngattntnga	atangccttt	ttgttngccc	ttttnacctt	ttnnnngggt	600
nnttcnnggc	tttaancctn	ccggggggccn	tttaaaggng	aaatcncncc	ttggggg	657

<210> 327

<211> 658

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(658)

<223> n = A,T,C or G

<400> 327

ggtacttttt	tttttttttt	tttttttttt	tttttttttg	tttgaaacag	aaatttattc	60
tcanaataat	gcacagaagc	acaggttgag	gctactcttg	ggaagcttcc	ctccccctcc	120
tcttctctct	ctccctcctc	tctgaatgcc	agggagaaca	cagttgaagg	aaggaaacat	180

gcaatcacaa	acaatgaac	actntaaaga	caaaaaggtt	tgggtcca	gaactcaaca	240
taattaatcc	aatgactgtg	aanagcttca	ctgagtagga	ttaanatatt	gcagatgtan	300
ngtttncaca	gggtggctnt	tcagtgcacc	ancggggcct	ncttgangga	natgaggact	360
gacncatncg	ggaaanatct	ttggcctgct	tgctaaactt	ggggntaaag	gcacacnnnc	420
cggggccaccc	gttccactna	nngcctgggg	accanttgtc	aatgncnttt	ccnaangntt	480
tttttgntgc	cttgtgggtg	nttttggttt	ctggaactgn	tcgncctgnc	ttgnaaacca	540
ttntntaac	nccttaatgg	cctttctttt	cnnctgggtt	ntgnttccaa	aatnggatta	600
nggggttcang	ngcccctact	tnccggggggc	ngttaaangg	naattccncc	nctggngg	658

<210> 328

<211> 644

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(644)

<223> n = A,T,C or G

<400> 328

acgcgagcgg	tggtttttgg	gcccgtttct	gagcagcgct	tcctttttgt	ccgacatctt	60
gacgaggctg	cggtgtctgc	tgctattctc	cgagcttcgc	aatgccgcct	aaggacgaca	120
agaagaagaa	ggacgctgga	aagtcggcca	agaaagacaa	agaccagtg	aacaaatccg	180
ggggcaaggc	caaaaagaag	aagtgggtcca	aaggcaaagt	tcgggacaag	ctcaataact	240
tagtcttgnt	tgacaaagct	acctatgata	aactctgtaa	ggaagttccc	aactataaac	300
ttataacccc	agctgtggnc	tcttgagaga	ctgaagattc	naggetncct	ggccagggca	360
gccctttagg	agcttcttag	taaaggactt	atnaactggg	tttnaancac	agacctcaag	420
taattnacac	cagaaatncc	nnggtggaga	atnctccnct	gctggtnnag	angcatgaat	480
aggnncaacc	agctntctct	gnccnnaccn	cncttaggnc	naattccgca	ccctgcggcc	540
gttctnatgg	atccnaactn	ggtnccaant	nggcnnacta	tggcatanct	tgccctgggg	600
aantggttcc	nttccaatcc	anaanttcta	tcgnaactta	acgg		644

<210> 329

<211> 651

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(651)

<223> n = A,T,C or G

<400> 329

actattagcc	atgggtcaacc	ccaccgtggt	cttcgacatt	gccgtcgacg	gcgagccctt	60
ggggccgcgc	tcctttgagc	tgtttgagca	caagggtccca	aagacagcag	aaaatttttcg	120
tgctctgagc	actggagaga	aaggatttgg	ttataagggt	tcctgctttc	acagaattat	180
tccagggttt	atgtgtcagg	gtggtgactt	cacacgccat	aatggcactg	gtggcaagtc	240
catctatggg	gagaaatttg	aagatgagaa	cttcaccta	aagcatacgg	gtcctggcat	300
cttgtccatg	gcaaagtctg	gacccaacac	aaatggttcc	cagtttttca	tctgcactgc	360
caagactgag	tggttgatg	gcaagcatgt	ggtgtttggc	aaagtgaaaa	gaaagggcat	420
gaatattgtg	gaggccatgg	aaccgctttg	ggtccaggaa	tgncnagaac	agcaagaaga	480
acaccattgc	tgactgngga	caactcgaat	aagttggact	tggggttant	ttaaccacca	540
gaacaattcc	tttgtntcnta	aggagancan	ccctcaccca	tttgntngca	tatcctanaa	600

actttgggct ttcenttng cctttgggtc aggtttcctg gtctcc c c

651

<210> 330
 <211> 643
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(643)
 <223> n = A,T,C or G

<400> 330
 actttntttt tttntntttt tttttttttt ctggaaggnt ctcaggtctt tatttgctnt 60
 ctcaaattcc aggaatngac ttatttaatt aatccatcaa cctctcatag caaatatttg 120
 agaaaacaaa tttatattca gattcttatt ttcagtaggg aagtaagaag ttgcagctca 180
 ttgcacgtaa agttgagaca ganatggaga catccagccc cacctntctg gaacaagaaa 240
 gatgactggg gaggaaacac aggtcancat gggaacaggg gttacagtgg acacaagggg 300
 gggctgnctn ttcacctnct tacattatgc taacagggac ncaaaccat tcaggggcct 360
 ttgcnaaaag aaatgccaaa agctnttgaa gtcncnaagg ggangcgtga anaaaactgc 420
 atttnagtc ccgggtcctt ngncgggaac ccttnanggn gaaatcncca cactggcggg 480
 ccgtactagn ggatccagct nggncccaat tggnggaata tggnnaanac tgttcctgtg 540
 ggaaaatggg atccgtccaa ttcnccactt acanncgag cctaaangna aaacntgggg 600
 ngcctatggg gggctacnnn aataatgggt gcctacggcc cnt 643

<210> 331
 <211> 652
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(652)
 <223> n = A,T,C or G

<400> 331
 ggtacagatg gcaactgacaa tcccctttct ggtggggatc agtatcagaa catcacagtg 60
 cacagacatc tgatgctacc agattttgat ttgctggagg acactgaaag caaatccaa 120
 ccaggttctc aacaggctga cttcctggat gcactaatcg tgagcatgga tgtgattcaa 180
 catgaaacaa taggaaagaa gtttgagaag aggcataattg aaatattcac tgacctcagc 240
 agcccgattc agcaaaaagtc agctggatat tataattcat agcttgaaga aatgtgacat 300
 ctccctgcaa ttcttcttgc ctttctcact tggcaaggaa gaaggaagtg gggacagang 360
 agatggccct ttcgcttang tggccatggg ccttnctttt cactaaaagg aattaccgaa 420
 cagcanaaag aaagncttga gatagtgaat atggggatga tatctttaga agggngaaga 480
 tgggggtggat gaaattattc attcctgnga agnttgnaaa ctgngcgnct tcnnnaaant 540
 nnnaggcatt cntnntctgg centgccatt gccattggnt ccanttgcta tagggatgcc 600
 ccttaaancn ntttcennna anagtnnaaa acttgcnnntn ggatccaacc nn 652

<210> 332
 <211> 648
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

```

<400> 332
cgaggtactt tttttttttt tttttttttt tttttttgag acagagtttc actcttgctg      60
cccaggctgg agtgcagtgg cgcgatctcg gtccactgca acctcaccct cccaggatca      120
agcgattctc ctgcctcagc cacctgagta gctgggatta caggcgctcg ccactacacc      180
tagccaattt ttgtattttt agaagggaca gcatttcacc atgttggcca ggctggtctc      240
gaactcctga tctcaggnga tccacccacc tcagcctccc aaagtggngg gattacaggc      300
gtgagccact gaaagttctc attagttttt tgggttaaatt ttaaacataa attatgttat      360
agcaaaaatt cctaagaatt gnaaaccact ttatcagaaa taccnnaaat tcacaaataa      420
tnccaaaatt tataatagct tttttccaga ctaaaatttt aaagctactg anaagnggna      480
aacctnccta nataggattt acctaacatt nnggantaaa aggnanccan ngcctgctaa      540
anatccagan tatctaanaa tccntnccctg nntctcnntc tatnttttca natccgaatt      600
tttgaaccca cnttangata nctnntttcc cccttaacnn taattccc      648
  
```

<210> 333
 <211> 656
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(656)
 <223> n = A,T,C or G

```

<400> 333
cgaggtacaa gatgtccaaa tattgccaag atctatttgg ggatctcctg ttgaaacaag      60
cacttgaatc acatccactt gaaccaggca gggtcttgcc atcccccatt gacctcaaaa      120
gaaaaatact cataaaaaaac aagcggctga aacctgaagt tgaaaaaaac agctggaagc      180
tttgagaagc atgatggaag ctggagaatc tgcctcccca gcaaaccatct tagaggacga      240
taatgaagag gagatcgaaa gtgctgacca agaggaggaa gctcaccctcg aattcaaatt      300
tggaaatgaa ctttctgctg atgacttggg tcacaaggaa gctgttgcaa atagcgtcaa      360
gaaggcttca gatgaccttg aacatgaaaa caacaaaaag ggcctgggtca ctgtagaaga      420
tgagcangcg tggatggcat cttataaata tgtaggtgct ccactaatat ccatncatat      480
ttgtcaccat gatcaactac cccagnctgt naaggttcaa ggtttcatgt ggcanaagaa      540
ccccatattc ttttacatgg cttctttaat gaatcatcgg cttggtactg aaaccctgcc      600
attgaattgc attntacaac ggcaatgagc natttcccca gggaggccng cnttct      656
  
```

<210> 334
 <211> 647
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(647)
 <223> n = A,T,C or G

```

<400> 334
acgcgggcgg gaagtgcaga ggcaaatgca tttagtgttc ttcagcatgt cctcgggtgct      60
  
```

gggccacatg	tcaagagg	cagcaacacc	gccagccatc	tgcacta	tggttgccaag	120
gcaactcagc	agccatttga	tgtttctgca	ttaatgccca	gttactcaga	ttctggactc	180
tttgggattt	atactatctc	ccaggccaca	gctgctggag	atgttatcaa	ggctgcctat	240
aatcaagtaa	aaacaatagc	tcaaggaaac	ctttccaaca	cagatgtcaa	gctgccaaga	300
acaagctgaa	agctggatac	ctaattgtcaa	tggagtcttc	tgagtgnntc	ctggaagaaa	360
gtcgggtccc	aagctctaag	tgctggntct	tacatgccac	cattcacaag	tctttaacag	420
aatgattcan	tggctaattgc	tgatatcata	aatgcgnaaa	naaagtttgg	ttctggcnag	480
aagtcaatgg	cancaagtgg	naaatttggg	acatacnct	ttgtgataag	tggaatactg	540
gngcncnctt	acngganana	cttaacgttn	tttaanccaa	acacaaccct	tgaaagnnna	600
agctctaaan	accattggct	tttttcnggg	ngnaaaaaag	gcttaag		647

<210> 335
 <211> 657
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

<400> 335

acaggtcaga	gtcttctttt	cttttctttt	tgagatggag	tcttgctctg	ttgccagact	60
ggagtgcagt	ggtgcgatct	gggctcactg	caatctccac	ctcccgggtt	caagcgattc	120
tcttgcctca	gcctcccgag	taactgggac	tacagggtgcg	cgccaccaag	cccagctcat	180
ttttgtattt	ttagtagaga	tggggtttca	cgatgttggc	taggatggtc	tcgatctctg	240
gtcagagtct	tttctgtaaa	tatccttggg	aaagaagcaa	ttttagactg	tagctgttgc	300
aaatgcttta	aggaagaagc	aaaacaactg	tcaagtcttc	ctgaaatgaa	gaaactacac	360
cagggctgct	atatcagagc	aaccccaacc	agcacttcaa	tcatgatgcc	nacagtggcc	420
cagctgagag	accnggagaa	agttccagat	gcanagactg	ngatgctctt	gactatggaa	480
atattgcggc	cagtaccaag	ttagagacca	aacaggcata	ngnncccgt	ttaattggcg	540
tgaattttgc	gataaganaa	cttggggggg	tgctgcggat	nccatgatcn	ccagaaaact	600
tnnnggatgg	ggtanaggcc	catggcagaa	aggttanggt	ccttccaaag	naaaana	657

<210> 336
 <211> 649
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(649)
 <223> n = A,T,C or G

<400> 336

ggtacgcggg	caactatgga	attccacagc	gtgctctgcg	gggtcactcc	cactttgtta	60
gtgatgtggg	tatctcctca	gatggccagt	ttgccctctc	aggctcctgg	gatggaaccc	120
tgcgctctcg	ggatctcaca	acgggcacca	ccacgaggcg	atttgtgggc	cataccaagg	180
atgtgctgag	tgtggccttc	tctcttgaca	accggcagat	tgtctctgga	tctcgagata	240
aaaccatcaa	gctatggaat	accctgggtg	tgtgcaaata	cactgtcagg	atgaaaacca	300
cttaaaantgg	gtgncttngn	ncccttntng	cccaacagca	acaaccctat	tatcgtcttc	360
tgnngctggg	acaaactggn	taaaggatgg	aacctggcta	actgnaagct	gaaaaacaac	420
caatttgggc	acacangcta	tntgaacacc	gngactggct	ttttcagang	gatcctntgn	480

gcttntggag	gcaaggatg	gcaagccatg	ttatnggaac	tcnaccatg	caacaccttt	540
cacctttaan	ggggggacat	tatnaacgcc	ttgggttaac	cttaacgtn	ttgggttgng	600
ctgcnacaggc	ccacattaaa	aatgggattt	aanggaaana	catttnann		649

<210> 337
 <211> 652
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(652)
 <223> n = A,T,C or G

<400> 337						
actcttggtt	tgtcaatggg	actttccagc	aatccaccca	agagctcttt	atcccccaaca	60
tcactgtgaa	taatagtggg	tcctatacgt	gccaagccca	taactcagac	actggcctca	120
ataggaccac	agtcacgacg	atcacagtct	atgcagagcc	acccaaaccc	ttcatcacca	180
gcaacaactc	caaccccgtg	gaggatgagg	atgctgtagc	cttaacctgt	gaacctgaga	240
ttcagaacac	aacctacctg	tggtgggtaa	ataatcaaga	gccttccggt	cagtcccagg	300
ctgcagctgt	caatgacaca	ggaccctnac	tctactcagt	gtcacaagga	atgatgnaag	360
gaccctatga	atgtggaatc	cagaacgaat	taaagcggtg	accacagcga	ccangcatcc	420
tgaatgcctt	tttgggcan	acgacccac	cattttcccc	tcataccact	attaccgtcc	480
aggggtgnac	cttagncctt	tcttgccatg	cagcctttac	ccaccttgac	agnattcctg	540
gctggatggt	gggaacatna	gnacncacnc	aagagctntt	ttttccaaca	tnatgggaaa	600
acanngnnct	tatactgcag	gccattactt	ngccntngcc	cagnnggetn	cg	652

<210> 338
 <211> 651
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(651)
 <223> n = A,T,C or G

<400> 338						
ggtacatttg	aacacacggc	tgtgttaaag	atgctgctaa	tgtcagtcac	tgggtgcact	60
aaaggatctc	ttattttatg	taaaacgttg	ggattgacaa	gatagatctg	acactctgtt	120
aagttaccct	ctgaagctac	ttcttgtaga	atactaata	cagcatcatc	ctgccaagcg	180
aaagaggcag	gcataagcaa	ggacaaatta	aaagggggta	agagccttat	catgatgagg	240
agtcttgntt	tgacatcttg	ggaaaagctg	ccatagtgtg	aaagtctgtc	atttctcacc	300
atggtttgca	gtttgactgn	ctctagttag	ggtgaagtct	ctgagtggca	cacaccttaa	360
gcctgaaggn	tttcccttta	aattttcatt	gagttggccc	tcttcagcat	atanggettt	420
aagaacagaa	canaccttgg	ttttaagtgg	gtccatggga	taaaatggga	atggangact	480
ngaagaattc	aagggtctgg	ccatctngca	gtattctgaa	tatcgaaaat	ncnccaaggc	540
tgctatataa	anccccctgg	gcaanacttc	aatcggaanc	ccacggnggc	ccnactnana	600
gncaggaccn	ttccaantgg	aacatnggan	tggggccttt	gaggcnnggn	n	651

<210> 339
 <211> 634
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(634)

<223> n = A,T,C or G

<400> 339

actttttttt	ttttttttt	ttttttctag	tttcagttat	ttattgattt	aatcattgta	60
atctccaata	gagattacaa	tagagatctc	caacatgatt	tcattgcattt	agaggagaaa	120
tatttcctgg	ttaagtggaa	aattgtgctg	atgtggcttc	tggaanacct	tcattctaaa	180
gcagcggtat	agtgaacat	ttcatttana	aatctggacg	ttccttcttc	agcttgctgt	240
aatccacatt	cactgagtag	aacttgtatt	gatcattggg	accagtttg	ttccagggt	300
ctgggttatt	tctgcccac	aaacatctgg	attgaacaat	gccagacgca	agagatcagt	360
gttgctccag	tagctccagt	tccaataaat	acnaagaggg	ggatcaaagc	tcggatgctt	420
cttgacctga	ccgatgatct	ggcggancat	gtttgcngca	aagtctccga	ctggaaagga	480
ganaaccgcc	tacccaagc	cctaagctaa	aaattatntg	ccccgcgacc	ttggncgnga	540
cccnctaagg	caattccacc	actggcggcc	gtctaangga	tccacttggg	ccaacttgng	600
naacatggca	nactggctct	ggggaangta	tccc			634

<210> 340

<211> 655

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(655)

<223> n = A,T,C or G

<400> 340

ggtactcttc	cactcaggta	tccgtgcggc	cactccagca	cacgcagtat	gagcgcttca	60
tcccctcggc	ctacccctac	tacgccagcg	ccttctccat	gatgctgggg	ctcttcatct	120
tcagcatcgt	cttcttgac	atgaaggaga	aggagaagtc	cgactgaggg	gctagagccc	180
tctccgcaca	gcgtggagac	ggggcaggga	gggggggttat	taggattggt	ggttttgttt	240
tgctttgttt	aaagccgtgg	gaaaatggca	caactttacc	tctgtgggag	atgcaacact	300
gagagccaag	gggtgggagt	tgagataatt	tttatataaa	agaagttttt	ccactttgaa	360
ttgctaaaag	tggnattttt	cctatgtgca	gtcactcttc	tcatttctaa	aatagggacg	420
tggccaggca	ccgtggctca	tgctgtaat	ccacactttt	ggaggncnng	caagcggtta	480
cgaagtcagg	agatcgagac	tattctggtt	acacgnaaaa	cctgncttac	taaaagtacc	540
tgcccggccg	gccgntcaaa	ggcgaatcca	cacactggcg	ggcgtactan	tggatnccaa	600
cttggaacaa	cttggngnaa	tatggcatac	tggttcctgg	nggaaatggt	accnn	655

<210> 341

<211> 648

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(648)

<223> n = A,T,C or G

```

<400> 341
acgaacctac agttttaact gtggatattg ttacgtagcc taaggctcct gttttgcaca      60
gccaaattta aaactgttgg aatggatttt tctttaactg ccgtaattta actttctggg      120
ttgcctttgt ttttggcggt gctgacttac atcatgtgtt ggggaagggc ctgccagtt      180
gcactcaggt gacatcctcc agatagtgtg gctgaggagg cacctacact cacctgcaact      240
aacagagtgg ccgtcctaac ctcgggcctg ctgcgcagac gtccatcacg ttagctgtcc      300
cacatcacia gactatgcca ttggggtaag ttgtgtttca acggaagtgt ctgtcttaaa      360
ctaaatgtgc aatagaaggn gatggtgcca tcctaccgnc ttttctctgt tcctanctgn      420
gtgaatacct gctacgtcaa atgcntacca ggttcattct nccttttact aaaacacaca      480
ggtgcaacag acttgaatgc taagtatacc taattggata tgggatttaa ttttctttct      540
tacaancatt tgtattgcta acaggccaaa atttcagtta cccttagggg gttaacaat      600
cnaattaaac ctgggaggca tacnttgnct aaatattact gnaaaaaa      648

```

```

<210> 342
<211> 342
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(342)
<223> n = A,T,C or G

```

```

<400> 342
ggtaacttttt tttttttttt tttttttttt gttttttttt tttttttttt tttttttttt      60
tggtntanaa ggggggtanag ggggtgctat agggtaaata cgggccctat ttcaaanatt      120
tttaggggaa ttaattctag gacnatgggc atgaaactgn ggtttgctcc acanatttca      180
nagcattgac cgtagtatac ccccggtcgt gtancggtga aagtggtttg gtttaaactgt      240
ccgggaattg catctgtttt taagcctaata gtggggacag ctnatgagtgt caaacgtct      300
tgngatgtaa ttattatacc aatgggggct ttaatcggga at      342

```

```

<210> 343
<211> 484
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(484)
<223> n = A,T,C or G

```

```

<400> 343
ggtacgatgc ctagtgatga gtttgctaata acaatgccag tcaggccacc tacggtgaaa      60
agaaagatga atcctagggc tcagagcact gcagcagatc atttcatatt gcttccgtgg      120
agtgtggcga gtcagctaaa tactttgacg ccggtgggga tagcgatgat tatggtagcg      180
gaggtgaaat atgctcgtgt gtctacgtct attcctactg taaatatatg gtgtgctcac      240
acgataaacc ctaggaagcc aattgatata atagctcaga ccatacctat gtatccaaat      300
ggttcttttt ttccggagta gtaagttaca atatgggaga ttattccgaa cctggtagga      360
taagaatata aacttcaggg tgaccgaaaa atcagaatan gtgttggtat agaatgggg      420
cttcttcttc ngcgggggten aanaaggtgg tggtnccgcg tcctggccng gcnggcgctc      480
gaan

```

```

<210> 344

```

<211> 657
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(657)
 <223> n = A,T,C or G

<400> 344

cgaggtacgc	gggattgttc	tggggcttgt	cctcctttct	gttacgggtcc	agggcaaggt	60
ctttgaaagg	tgtgagttgg	ccagaactct	gaaaagattg	ggaatggatg	gctacagggg	120
aatcagccta	gcaaactgga	tgtgtttggc	caaatgggag	agtggttaca	acacacgagc	180
tacaaactac	aatgctggag	acagaagcac	tgattatggg	atatttcaga	tcaatagccg	240
ctactgggtg	aatgatggca	aaaccccagg	agcagttaat	gcctgtcatt	tatcctgcag	300
tgctttgctg	caagataaca	tcgctgatgc	tgtagcttgt	gcaaaaaang	ttgtcccgtg	360
atccacaagg	cattaagagc	atgggtggga	tgagagaaatc	gttgtcaaaa	cagagatgtc	420
cgcagtatgt	tcaanggtgt	ggagtgtaac	tncagaattt	tccntcttca	ctcatttggc	480
tctctacatt	aaggagtagg	aaataantga	aagggtccct	ccattaattt	cccttcaaca	540
aataattttt	tccgaaacng	gaccaaatat	ggccttcttn	tagannataa	tgtcntaagg	600
ggnattttatt	ttaagcnnca	cantttttaat	ttgcaaatna	ctatctgggg	aaaatac	657

<210> 345
 <211> 662
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(662)
 <223> n = A,T,C or G

<400> 345

ggtacgcggg	cgactcttag	cggtggatca	ctcggctcgt	gcgtcgatga	agaacgcagc	60
tagctgcgag	aattaatgtg	aattgcagga	cacattgatc	atcgacactt	cgaacgcact	120
tgcngecccg	ggttcctccc	ggggctacgc	ctgtctgagc	gtctcttgca	aaaaaaaaat	180
aaannanaan	acancaagta	caattttaatg	cntanaaaagg	cctctctcca	taaaactcan	240
cncctttacag	atgtangaat	atataagcnn	tgccaaaatt	actaatntgc	cacatacnna	300
gcatcaattc	caggtgctag	tnagnnggaa	aaaaanttgg	agaattcggc	cctcgangag	360
ctccanant	taanctncct	tactaantnc	canggttctt	tcaagcatgg	aaaaattaat	420
ngtgctncat	ngatnaangn	cttgctcattg	ggccttnttt	cctngacctg	gcccggccgn	480
ccgttcnaaa	ggctaaatcc	agacactgcg	gccgttntaa	tggttcnnac	ttggggccaag	540
cttgggnaat	catgggcaaa	gctgttcctg	ggnnaaatnt	tatccnctcc	aattcncaca	600
natacgaanc	tgaancttaa	gtgtnanntn	ggngnctaaa	agtggcnaaa	ctcccttnat	660
gg						662

<210> 346
 <211> 654
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(654)
 <223> n = A,T,C or G

<400> 346

acttcttggc	cgctcacta	gcactctccg	cctgcttttt	aaaggcttca	ttggaggcca	60
gcagcgtggc	ctgctgcgaa	atgagagtca	ccaggcgtct	aagcaggaag	gacagcagcg	120
aggaaaagcc	agcaattgtag	agattcctct	gggcacggaa	aagcttcatg	tggaagtgt	180
ccatggcccc	gggattgttc	tggagggttc	ccttttccgt	cacatcatca	tacttccgaa	240
tttcgcgac	ggcatcgatg	accaacagca	caaggatgac	aatgagaacc	acaaagaagg	300
tgttgccata	ggacactaac	aactccacca	gccgggactt	gaaaatcttc	tgccatcttt	360
taggagaaat	gaaggggaatg	cagagaagca	acacaacaaa	gaccttcgca	tagaggaagg	420
tggcaactgc	agtcactgc	agactcatcc	tgggtgctana	agggttccac	aggaagatgt	480
gaacttgtn	cgagtttcca	cagtcaacgt	gtccccgta	ccttnggccg	ngaacacnct	540
taaggcgaat	tccaccactg	cnggccgtct	antggatcca	actnggncca	acttggcgaa	600
tatggcaaat	tgttctnggg	naaatgggtc	ngtcaattcc	ccantacnac	cgga	654

<210> 347

<211> 536

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(536)

<223> n = A,T,C or G

<400> 347

ggtactaatt	taaggtaaca	attctcgagg	taaaataagg	cattatagta	acacaatttt	60
catgcctcag	caattaacaa	tgattttcgt	ttaattctct	tccaactcta	cagacataat	120
tctgctttca	ccttcacac	gctttcatat	ggttttaaca	ggggatacac	ctcctcttct	180
aagaatctct	gcacctgctg	ggaggcacga	ccagtgaag	aagaaggatc	cagtaaatga	240
tccaactggg	agtgaatggg	actgaagtag	gcatcaacct	ggatacgctc	tatgaggnc	300
ttgcaccccc	ttcctgctta	accacagaag	ctgcctgctg	agaaagcact	ctgattttct	360
catggcaatc	ctggcggcta	ccttcacttt	gaccatggcc	atgatgatgg	tctctgtggc	420
catgaaangc	agctcttgcc	gaatgcgccg	tcaattactt	tggggtaacct	gccnnggccg	480
gccgntcnaa	nggcgaattt	cagccactgg	cngnctgact	agnngatcca	actcgg	536

<210> 348

<211> 665

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(665)

<223> n = A,T,C or G

<400> 348

ggtacgcggg	gagtcggcgt	aggccttagg	tgggttcgtg	cgcttctac	ctcgtgttt	60
cggttttcct	ggctcctcgg	cccttttctc	ccctgttgca	gctgggagcg	gacgaagcgc	120
gaagctggga	ttttttactg	tctcctgaag	aatttaacac	aaacatggat	atcagaccaa	180
atcatacaat	ttatatcaac	aatatgaatg	acaaaattaa	aaaggaagaa	ttgaagagat	240
ccctatatgc	cctgttttct	cagtttggtc	atgtggtgga	cattgtggct	ttaaagacca	300

tgaagatgag	ggggcagg	tttgtcatat	ttaaggaact	gggctc	acaaatgcct	360
tgagacagct	accaggattt	ccatttttatg	gtaaaccaat	gccaatacacg	tatgcaaaaa	420
cagattcggg	tataatatca	aaaatgcgtg	gaacttttgc	ttaaaaaaaa	aaannnnnna	480
naaaaaagtc	ctgccnggcc	gcccgttcaa	anggcgaatt	naccactggc	ggccggttcta	540
gnggatccaa	ctnggnacca	acttggcgta	atatggcaaa	actggtnccg	ngngaaatgg	600
tatccgttan	aattcccaca	cttcaaccgg	aacctnaang	taaacctggg	gcctaagagn	660
gacnn						665

<210> 349
 <211> 474
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (474)
 <223> n = A,T,C or G

<400> 349						
acttcgctcag	tttctaagac	atgagtcgga	aacaactacc	agtttggttc	ttgaaagatc	60
cctgaatcgt	gtgcacttac	ttgggcgagt	gggtcaggac	cctgtcttga	gacagggtgga	120
aggaaaaaat	ccagtcacaa	tattttctct	agcaactaat	gagatgtggc	gatcagggga	180
tagtgaagtt	taccaactgg	gtgatgtcag	tcaaaagaca	acatggcaca	gaatatcagt	240
attccggcca	ggcctnagag	acgtggcata	tcaatatgtg	aaaaaggggt	ctcgaattta	300
tttggaaggg	aaaatagact	atggtgaata	catggataaa	aataatgtga	ggcgacaagc	360
ncaaccatca	tagcttgatn	atattatatt	tctgagtgcc	agaccaaaga	gaaggagtnt	420
aaanggatga	tcntcttttg	ggcatcattt	tgggaccttn	ggccgggaac	accc	474

<210> 350
 <211> 452
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (452)
 <223> n = A,T,C or G

<400> 350						
acgcggggac	cgtggagagc	agagcgcggc	ggctggaage	tgctaagtca	gagccgcgat	60
gttccggatt	gagggcctcg	cgccgaagct	ggacccggag	gagatgaaac	ggaagatgcg	120
cgaggatgtg	atctcctcca	tacggaactt	tctcatctac	gtggccctcc	tgcgagtcac	180
tccatttatc	ttaaagaaat	tggaacagcat	atgaagacag	gacatcacat	atgaatgcac	240
gatatgaaga	gcctgggttac	agtttcgact	cctctctgca	agtgaatagg	cccagaaagg	300
tgtaagagac	tctttgaatg	gacataaaat	tctgcttggt	aagaacaagt	ttggctctgg	360
taactgacct	tcaaagctaa	aatataaaac	tatttgggaa	agtatgaaac	gatgtcttcg	420
tgatctgggtg	taccttggnc	gngaccacgc	tt			452

<210> 351
 <211> 616
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(616)
 <223> n = A,T,C or G

<400> 351

ggtacgcggg	aataattcca	tagtcaagag	catcacagtc	tctgcatctg	gaacttctcc	60
tggtctctca	gctggggcca	ctgtcggcat	catgattgga	gtgctgggtg	gggttgctct	120
gatatagcag	ccctgggtga	gtttcttcat	ttcaggaaga	ctgacagttg	ttttgcttct	180
tccttaaagc	atttgcaaca	gctacagtct	aaaattgctt	ctttaccaag	gatatttaca	240
gaaaagactc	tgaccagaga	tcgagaccat	cctagccaac	atcgtgaaac	cccattctcta	300
ctaaaaatac	aaaaatgagc	tgggcttggt	ggcgcgcacc	tgtagtccca	gttactnngg	360
aggctgaggc	aggagaatng	cttgaaccgg	gnagggtggag	attgcagtga	gccagatcgn	420
acnactgnac	tcagtctggc	aantgagnag	gcttccatct	nanaangaan	aganangang	480
actntnacct	ggacctgccc	ggcgggtcgt	ttgngcaggt	cnggagattt	attcccttng	540
ggtggggngc	nntaatgggn	tgntgggccc	attcangttt	tgggaatttc	nncttggnnn	600
naaaanggga	aatttt					616

<210> 352
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(603)
 <223> n = A,T,C or G

<400> 352

ggtacggcac	ttggcgtaaa	gccgcttccc	tcaagagtaa	ctacaatctt	cccatgcaca	60
agatgattaa	tacagatctt	agcagaatct	tgaaaagccc	agagatccaa	agagcccttc	120
gagcaccacg	caagaagatc	catcgcagag	tcctaaagaa	gaaccactg	aaaaacttga	180
gaatcatggt	gaagctaaac	ccatatgcaa	agaccatgcg	ccggaacacc	attcttcgcc	240
aggccaggaa	tcacaagctc	cgggtggata	aggcagctgc	tgcagcagcg	gcactacaag	300
cctaatcaga	tgagaaggcg	gcggttgag	gcaagaagcc	tgtggtaggt	aagaaaggaa	360
agaaggctgc	tgttggtggt	aagaagcaga	agaagcctct	ggtgggaaa	aaggcagcag	420
ctaccaagaa	aaccagcccc	tgaaaagaac	ctgcagagaa	gaaacctact	acngaggaga	480
agaagcctgc	tgataaactc	ttaaatttga	atatttcntt	aagggcnaat	nttttggcag	540
gttctttgga	taagacntnt	tttcngngtg	ggaaaataan	tnnntatttn	nnggctntcc	600
tgg						603

<210> 353
 <211> 604
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 353

ggtaccgact	gtttttgaca	actatgcagt	cacagttatg	attggtggag	aaccatatac	60
------------	------------	------------	------------	------------	------------	----

tcttggactt	tttgatac	cagggcaaga	ggattatgac	agattac	cgctgagtta	120
tccacaaaca	gatgtatttc	tagtctgttt	ttcagtgggc	tctccatctt	catttgaaaa	180
cgtgaaagaa	aagtgggtgc	ctgagataac	tcaccactgt	ccaagactc	ctttcttgct	240
tgttgggact	caaattgatc	tcagagatga	cccccttact	attgagaaac	ttgccaagaa	300
caaacagaag	cctatcactc	cagagactgc	tgaaaagctg	gcccgtagacc	tgaaggctgt	360
caagtatgtg	gagtgttctg	cacttacaca	gaaaggccta	aagaatgtat	ttgacgaagc	420
aatattggct	gccctggacc	tncagaccga	agaagacccc	aagtgtgtgc	tgctatgaac	480
atctttcaga	gcctttcttg	nacagctgga	ttggcatctt	cttaaagcca	tgnttaaatt	540
caacttanga	ttaaaattaa	aattcgtttt	gcannatggc	caatgcctgg	actaaccan	600
ggcn						604

<210> 354
 <211> 631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 354						
ggtacttttt	ttttttttt	ttttttttt	tttgggacgg	agtcatgctc	tgctgcccag	60
gctggagtg	agtggcatga	tctcggtcca	ctgcaagctc	cgctccccgg	gctcatgcca	120
ttctcctgcc	tcagcctccc	gagtagctga	gattataggc	acctaccacc	acgcccggct	180
aattttttgta	tttttagtag	agacgggggt	tcaccatggt	gaccaggctg	gtctcgaact	240
cctgacctta	ggtgatccac	tcgccttcat	ctcccaaagt	gctgggatta	caggcgtgag	300
ccaccgtgcc	tggccacgcc	caactaattt	ttgnattttt	agtaagagac	aggggtttcac	360
catgttgccc	aaggctgctc	tttgaactcc	tgacctcatg	taatcgacct	gcctttggcc	420
ttccaaaagt	gctgggatta	ccaggtgtga	gccacaagc	cccggnacct	ggcngggcng	480
gccgtttaaa	agggcggaatt	cagcacaatg	gnnggccgta	ctaaggggat	ncnanccttg	540
nanccaactt	tgggggaaat	atggggcana	actggttcct	ngngnaaatg	gtaaccgtta	600
caaattcccn	caaanttttg	nnccgggagg	n			631

<210> 355
 <211> 626
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(626)
 <223> n = A,T,C or G

<400> 355						
ggtacgatgc	ctagtgatga	gtttgcta	acaatgccag	tcaggccacc	tacggtgaaa	60
agaaagatga	atcctagggc	tcagagcact	gcagcagatc	atttcatatt	gcttccgtgg	120
agtgtggcga	gtcagctaaa	tactttgacg	ccggtgggga	tagcgatgat	tatggtagcg	180
gaggtgaaat	atgctcgtgt	gtctacgtct	attcctactg	taaatatatg	gtgtgctcac	240
acgataaacc	ctaggaagcc	aattgatatc	atagctcaga	ccatacctat	gtatccaaat	300
ggttcttttt	ttccggagta	gtaagttaca	atatgggaga	ttattccgaa	gcctggtagg	360
ataagaatat	aaacttcagg	gtgaccngaa	aatcagaat	aggtgtttgg	tttagaatgg	420
ngtcttctnc	ttcngetggg	gttnnaagaan	gtnggggttc	nngcgtnctn	gntcggggcg	480

ntgggttttaa	nggccnaaa	ccnngnataa	ttggcggcng	ttactaag	gnatctanct	540
tggtnccaaaa	nttggngnta	atcatggtn	tagctngtnc	tcngtgntaa	attggntncc	600
tgtaaattn	tntnnaatnt	tntggc				626

<210> 356
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 356						
actttttttt	ttttttttt	tttttttcta	gtttcagtta	tttattgatt	taatcattgt	60
aatctccaat	agagattaca	atagagatct	ccaacatgat	ttcatgcatt	tagaggagaa	120
atatttcctg	gttaagtggg	aaattgtgcg	gatgtggcct	ctggaanacc	ttcattctaa	180
agcagcgtaa	tagtgaaaca	tttcatttan	aaatctggac	gttccttctt	cagettgctg	240
taatccacat	tcactgagta	naacttgtat	tgatcattgg	gacccagttt	gttccagggc	300
tctgggttat	ttctgtccca	acaaacatct	ggattgaaca	atgccagacg	caagagatac	360
agtgttgctc	cactgactcc	agttccaata	aatacnaaga	gggggatcaa	gctcggatgc	420
ttcttggcct	gaccgatgat	ctggccggaa	ncatgtttgc	cggcaaaaagg	ctccnacttg	480
ggaaagggga	naaccgcct	aaccnccagg	gcctaagctt	aaaatttttg	gccccgggta	540
ccttgccggg	gaccccttaa	gggngnaatt	ccnnccctt	ggggggccgt	ttaangggan	600
ccaacttgn	ccaaatt					617

<210> 357
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 357						
ggtacttttt	ttttttttt	ttttttttt	ttttaggcaa	agaactttat	taatctttgt	60
ttcaaacttg	attcccaggc	ttcttcggct	taattagctg	caaagaatga	attgngtata	120
agcaaaaact	gaaaagagct	gcagtgtcca	aggggcttgg	gcttaaaaat	attagagatc	180
tagattttat	cagatccata	aacaaaaatt	tcttaaaaag	cagtcataat	ataaaatagc	240
agctcccagt	aacttcttca	ggntttatct	tcagaagttg	actcaattca	gtttgcctca	300
ttcttggaag	cctcatcaaa	attctccaca	agatctggaa	cttcatcatc	atcatcctct	360
ccagtaacaa	gtggngcttt	tccatcccca	gantggttgg	gcanaacttt	ngnccagctc	420
cttaacttag	cagactattc	ggacccaagc	tnggttnaaa	aanctgggaa	cnatttntgn	480
naactggttt	ggttnaacan	ggcntgnaag	ggggaaagg	gtnccttgc	caaaaaaccn	540
ggacctttag	ggtgnnaaag	gggacctggc	cctgggttgg	aaccaantcn	ccttttnana	600
ccnnanaatn	g					611

<210> 358
 <211> 619
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 358

ggtactttttt	tttttttttt	tttttttttt	ttgagatgga	gtctcgtctt	gtcgcccagg	60
ctggagtgca	gtggcgcaat	ctctgctcac	tgcaacctcc	gcctcctggg	ttcaagcaat	120
tctcctgtct	cagcctccca	aatagctggg	attacgggca	tgtgtcacga	cgctcggcta	180
atttttgtat	tttttagtga	gacgagggtc	cacctatgtt	gctaggctgg	tctcaaactc	240
ctgacctcag	gtgatccgcc	tgctcgggcc	tcccaaagt	ttaggattac	gggtgtgagc	300
cactgcgccc	agcaagcaac	ctagatttta	aaacaacatg	agataaataa	gcctaattgg	360
atttaactac	atctaacatt	tttactaata	gttgnaatac	tggtagaatt	tggaactat	420
tatatatatt	atgcngaaaa	gtaaataatt	ctggtaaaat	canttanggn	ccntgaattt	480
nagcataggg	gaaaaaaaaga	tgccntttta	aatccaataa	gtaaaaaccn	tttaaccctn	540
tntttaaatt	ggaanttccc	cccaatttnt	tattaatttc	aacttntttt	gaaaactcat	600
ntttccnaaa	antnggggg					619

<210> 359

<211> 624

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(624)

<223> n = A,T,C or G

<400> 359

ggactttttt	tttttttttt	tttttttttt	ttttttggag	gaaaaccggg	taatgatgtc	60
gggggttgagg	gataggagga	gaatggggga	taggtgtatg	aacatgaggg	tgctttctcg	120
tgtgaatgag	ggttttatgt	tggttaatgtg	gtgggtgagt	gagccccatt	gtgttgtggt	180
aaatatgtag	agggagtata	gggctgtgac	tagtatgttg	agtcctgtaa	gtagganagt	240
gatatttgat	caggagaacg	tggttactag	cacagagagt	tctcccagta	ggttaatagt	300
gggggggtaag	gcgagggttag	cgaggcttgt	tanaagtcac	caaaaagcta	ttagtgggag	360
tagagtttga	agtccttgag	agaggattat	gatgccactg	ngaattgcntt	cctaatttga	420
gtttgctagg	cagaatagtn	atgaggatgt	aaaccctctg	gcccaattatt	aaaaatgact	480
gcncctgtga	aacttnaggg	ggtttggatt	aaaaangctt	gtacttccaa	nggctntntg	540
gcctnattta	aaaaatttcc	ctnnncnaat	ttagggcttn	ttnnncnaag	ccnanagggn	600
ccccnancct	ttcccggggg	ggcn				624

<210> 360

<211> 611

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

```

<400> 360
acgcgggggag gcggaggctt ggggtgcgttc aagattcaac ttcacccgta acccaccgcc      60
atggccgagg aaggcattgc tgcaggagggt gtaatggacg ttaatactgc tttacaagag      120
gttctgaaga ctgtccctcat ccacgatggc ctagcacgtg gaattcgca agctgccaaa      180
gccttagaca agcgccaagc ccattcttgt gtgcttgcat ccaactgtga tgagcctatg      240
tatgtcaagt tgggtggaggc cctttgtgct gaacaccaaa tcaacctaat taaggttgat      300
gacaacaaga aactaggaga atgggtaggc ctttgtaaaa ttgacagaga ggggaaaccc      360
cgtaaagtgg ttggttgagc ttgtgtagta attaangact atggcaagga gtctcagcca      420
aggatgtcat tgaagagtat ttcaaagcc agaaatgaag aaattaaatc nttggcttac      480
ttaaaaaaaaa annnnnnnnn aaaaaaaagg tccttgggcg gnacaccctt aaggggnaat      540
tcnnnnccct gggggccntt ataangggnn ccnacttggg ccaaattggg naaananggg      600
naaanttttt n                                           611

```

```

<210> 361
<211> 404
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(404)
<223> n = A,T,C or G

```

```

<400> 361
acatattttta atagaaagat acaacctttt tatttttact ccttttattt ctgctgcttg      60
gcacattttt gagttttccc acattatttg tctccatgat accactcaag cagtgtgctg      120
gacctaaaat actgacttta gttagtatcc ttggattttt agattcccag tgtctaattc      180
cctgtttataa tttgcgcaaa caaaacaaaa tgttatgata atctttctcc actgttctaa      240
tatatatattg atttttattt gatagcttgg gattttaaac atctctgttg aaggcttttg      300
atccttttga gaaataaaga tctgaaagaa atggcataat cttaaaactt gataaaaaaa      360
aaanannnnn nnnnaaaaaa aaagtacctn ggccngnacc acgc                                           404

```

```

<210> 362
<211> 322
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(322)
<223> n = A,T,C or G

```

```

<400> 362
ggctacttttt tttttttttt tttttttttt ttttttggag ttgtaggcaa atgtttaatt      60
aattctgctc atatgcacat ctgaaagcat gagacacact ccacagacag cacgcactgg      120
ggctgggtggg gcanatgggc actcgccgat taggtattaa tgtcaataat acgtgcataa      180
agtgcgtgata aaataactta agtggtacaa aaagagacag tccacgggtg ctgcaggcac      240
atgcaggcgg gactgggtca gacactccag ggctgcacat gttccagctg gcctgagtcc      300
gacacgtcat agctggcctt gt                                           322

```

```

<210> 363
<211> 616
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(616)

<223> n = A,T,C or G

<400> 363

cgaggtacgc	gggctaagca	agggaaaaat	aacagtttct	ctgagccaga	gaagacttga	60
tcacagttct	ccaagcatcg	tgatagcaat	gcttaacccc	aggaagattt	caaggcaggg	120
agaagaacat	ttcaaataag	attcttggtt	acccatttat	gcctagtgtt	ccattattgg	180
aatgctaagc	ttgtgggagt	catttacatc	ctactgctca	aagtcattgc	caaggtctga	240
tttttcacac	aaaaaattgc	aacccccagc	ataaatgttt	agctactgtc	atcagtttagc	300
aaattcatcc	acacaaacac	aattagagtt	tgggtttttt	ttaagctttt	caaaacttac	360
taaactggca	caattttata	tgtatgctat	ttggtgnatt	tatgcttaag	agcnaaaaag	420
tttgatggga	ttttaaatcc	angccaagcc	tacacgctga	gacaatccct	acaaccatgg	480
nagtaactaa	ngaaccttta	tctaagnttt	taagttttta	anggagngct	taatgggttca	540
ngtctangtt	ggaatttcct	tcanaaattt	cntcttttaa	aaaattttcc	caaatnggt	600
ccttaaaaaa	ctcann					616

<210> 364

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(618)

<223> n = A,T,C or G

<400> 364

cgaggtacgc	ggggcttctc	gcctaacgcc	gccaacatgg	tgttcaggcg	cttcgtggag	60
gttgcccg	tgccctatgt	ctcctttgga	cctcatgccg	gaaaattggt	cgcgattgta	120
gatgttattg	atcagaacag	ggctttgggc	gatggacctt	acactcaagt	gaggagacag	180
gccatgcctt	tcaaattgat	gcagctcact	gatttcaccc	tcaagtttcc	gcacagtgcc	240
caccagaagt	atgtccgaca	agcctggcag	aaggcagaca	tcaatacaaa	atgggcagcc	300
acacgatggg	ccaagaagat	tgaagccaga	gaaaggaaag	ccaagatgac	agattttgat	360
cgtttttaaag	ttatgaaggc	aaagaaaatg	aggaacagaa	taatcaagaa	tgaaagttaa	420
agaaaacttca	aaaggcagct	nttctgaaag	cttnttccca	aaaaagcacc	tgggtacctg	480
gccggggccg	ccgttttaaaa	gggcnaattc	caccactggc	ggccgtctan	ngggatccaa	540
cttnggacca	acttggngga	atatggcnaa	attgttcctg	gggnaaatgt	ttncgttcaa	600
attncncaaa	ttacggcc					618

<210> 365

<211> 601

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(601)

<223> n = A,T,C or G


```

<400> 365
acgtcctgga ggactctatt gtggacccac agaatcagac catgactacc ttcacctgga      60
acatcaacca cgcccggctg atgggtggtg aggaacgatg tgtttactgt gtgaactctg      120
acaacagtgg ctggactgaa atccgcccgg aagcctgggt ctccctctagc ttatttggtg      180
tctccagagc tgtccaggaa tttggtcttg cccggttcaa aagcaacgtg accaagacta      240
tgaagggttt tgaatatatc ttgggctaagc tgcaaggcga ggccccttcc aaaacacttg      300
ttgagacagc caaggaagcc aaggagaagg caaaggagac ggactggca gctacagaga      360
agccaaggac ctgcagca aggcggccac caagaacagc agcagcagca acagtgtgtg      420
taaccagnct accaacaaca nagnacccca nacaggtagg cttaccctt tggcctcctt      480
taatggacct tggccgggaa cacccttang gcgaattcag nactggggg ccgtactang      540
ggatccnctt ggaccaactt ggggaaacag ggcaaaattg ttcttgggga aattntatcc      600
n                                                                    601

```

<210> 366

<211> 321

<212> DNA

<213> Homo sapiens

<400> 366

```

actttttttt tttttttttt tttttttgag atggagtctc actctgtcgc ccaggctgga      60
atgcagtggg gcaatctcag ctactgcaa cttccacctc ccagggttcaa gtgattctcc      120
tgcctcagcc tcccacatat ctgggactac aggtgcacac caccatgccc agctaatttc      180
tttgtatttt ttagtagaga cgggggtttc tcttattggg caggctgggtc tcgaactcct      240
aaccttgtga tctgccacc tgggccttcc aaagtgtctg gattacaggc gtgagccacc      300
gtgctcggcc acccgcgta c                                                                    321

```

<210> 367

<211> 264

<212> DNA

<213> Homo sapiens

<400> 367

```

actgatcatg gagttaatca acaatgtcgc caaagcccat ggtggttact ctgtgtttgc      60
tggtggttgg gagaggaccc gtgaaggcaa tgatttatac catgaaatga ttgaatctgg      120
tgttatcaac ttaaaagatg ccacctctaa ggtagcgtg gtatatgggtc aaatgaatga      180
accacctggg gctcgtgccc gggtagctct gactgggctg actgtggctg aataacttcag      240
agaccaagaa ggtcaagatg tacc                                                                    264

```

<210> 368

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (488)

<223> n = A,T,C or G

<400> 368

```

ggtacagatg cacaggaggc catagggttt aggcanaagg gagcacaaan gttgaagatg      60
aggcgctgcc atcaatgctg ggacttcagg cnaagggcag gaactgagga agccacaagg      120
gaggacattt tctgcagttg ctgaancagt ancaactagg tcctgagaaa gccctntctc      180
gtggaagaat aacagccagg cnggaaagct tttcatcctg caaagctggg gaagaagatt      240

```

cttccttaaa	ttgtcatct	cacttcagct	cangaatcct	gttggtgta	gtccagagt	300
tcctttctg	attcctgaag	tanatnaaca	gcccngnccc	aangaagagn	aggnntagta	360
caaagccnnc	tncgcgtacc	tgtncgggcg	gnngttcgna	aggntcaa	tccagcacia	420
ttgnctgccc	ttantagttg	gattctnact	ttngtactta	ncttggtgta	ntttatggtn	480
ataanttg						488

<210> 369
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 369

acggggggtt	cactacttct	cccccgact	ccttggtagt	ctgttagtgg	gagatccttg	60
ttgccgtccc	ttgcctcct	tcaccgccgc	agacccttc	aagttctagt	catgcgtgag	120
tgcacttcca	tccacgttgg	ccaggctgg	gtccagattg	gcaatgcctg	ctgggagctc	180
tactgcctgg	aacacggcat	ccagcccgat	ggccagatgc	caagtgacaa	gaccattggg	240
ggaggagatg	attccttcaa	caccttcttc	agtgaacgg	gtgctggcaa	gcatgtgccc	300
cgggcagtg	ttgtagactt	ggaaccacaca	gtcattgatg	aagtctgcac	tggcacttac	360
cggcagctct	tcaccctgag	caactcatca	caggcnagga	aaaatgctgc	aataactatc	420
ccgaaggcac	tacaccattg	gcaaggagaa	taattgacct	gtgttggaac	gaattcgcaa	480
gctggctgac	catgcaccgg	cttaaggggt	nttggttttc	ccaacttttg	gggggggaac	540
tgggtttngg	gtaaccctnn	tggtnatngg	aacgntttta	antggatttt	gggaanaaan	600
cc						602

<210> 370
 <211> 257
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(257)
 <223> n = A,T,C or G

<400> 370

actttttttt	tttttttttt	tttagttttt	ttttattttt	tacaaatata	ctggagaatc	60
atgcaatgct	gccagcattg	gatgcaatcc	ggggccacaa	gtctgcacac	tcctttgcta	120
ctggctcctg	aatggcagaa	cctttcatct	cgcctttatt	gntcactatg	actcctgcat	180
tatcttcaaa	ataaagaaac	acgccatctt	ttctacggta	tgactttcgt	tgtcgaatga	240
ccactgctgg	atgtacc					257

<210> 371
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ...
 <223> n = A,T, or G

<400> 371

actttttttt	ttttttttt	tttttttgc	atthagtttt	tatttcataa	tcataaactt	60
aactctgcaa	tccagctagg	catgggaggg	aacaaggaaa	acatggaacc	caaagggaac	120
tgcagcgaga	gcacaaagat	tctaggatac	tgcgagcaaa	tggggtggag	gggtgctctc	180
ctgagctaca	gaaggaatga	tctggtgggt	aagataaaac	acaagtcaaa	cttattcgag	240
ttgtccacag	tcagcaatgg	tgatcttctt	gctggtcttg	ccattcctgg	acccaaagcg	300
ctccatggcc	tccacaatat	tcatgccttc	tttcactttg	ccaaacacca	catgcttgcc	360
atccaaccac	tcagtcttgg	caagtgcaga	tgaaaaactg	ggaaccantt	ggggttgggt	420
ccacatttgc	catggacaag	aatgccagga	acccgtatgc	tttaaggatg	aagtctcatc	480
ttcaaaattc	ttccccataa	atggacttgc	caccagngcc	attatggcgt	gtgaagtccc	540
cancctggcc	cataaaccct	ggaaaaatnt	tggnaaaccc	gaaccctttt	aaccaatcct	600
ttttttc						607

<210> 372

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (607)

<223> n = A,T,C or G

<400> 372

acgaatgtgg	gaattactca	ggagcagcag	aatatcttta	ttttttttaga	gtgctgggtc	60
cagcaacaga	tagaaatgct	ttaagttcac	tctggggaaa	gctggcctct	gaaatcttaa	120
tgcagaattg	ggatgcagcc	atggaagacc	ttacacggtt	aaaagagacc	atagataata	180
attctgtgag	ttctccactt	cagtctcttc	agcagagaac	atggctcatt	cactgggtctc	240
tgtttgtttt	cttcaatcac	cccaaaggtc	gcgataatat	tattgacctc	ttcctttatc	300
agccacaata	tcttaatgca	attcagacaa	tgtgtccaca	cattcttcgc	tatttgacta	360
cagcagtcac	aacaacaag	gatgttcgaa	aacgtcggca	ggttctaaaa	agatctaggt	420
taaaggttat	tcaacangga	gtcttacnca	tntaagaccc	cattacngga	atttggtgaa	480
tggttatatg	taactttgac	tttaangggc	tcaaaaaaag	ctnaggggat	gtgaatcaag	540
cttgngaagg	cttttttttg	gggctngntt	nngggtttnt	tgnaaagncc	ngtttttnnt	600
ttggaat						607

<210> 373

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (618)

<223> n = A,T,C or G

<400> 373

acttttaaatg	tttgcgtgtc	aaacgaaaat	agattggatc	ttgggttaagt	tcacttggtt	60
tggccaggca	cagtggctca	cgctgcagt	cccagcactt	ggggaggtgg	aggcgggccg	120
atcacctgag	gtcaagagtt	tgagaccagc	ctggctaacy	cggtgaaacc	ccatttctac	180

taaaaataca	aaaaattg	tgggcgtggt	ggtgcgcgct	tgtaat	gctactcggg	240
aggctgaggc	aggagaatcg	cttgagccag	agaggcaaag	gttgcaataa	gccaagatag	300
cgccattgta	ttccagcttg	gacaacaaga	gcgaaactct	gtctaaaaaa	aaaaaaaaaa	360
cacacacaca	acacaatatt	ttcacgcctg	taaacctagc	acattgggaa	gccaaggtgg	420
gaggattgct	tgaggccagg	agttcaaggc	ttgcantgag	ctatgaatgn	acactgnacc	480
tttggncgng	aacacnctta	nggccaaatt	ccngcacact	tgggggcccg	tactaanggg	540
atcccanctt	tggnnccaaa	nttgngnaa	acatgggcaa	aattggtnc	tggngaaaat	600
ggttccgttc	caaatccc					618

<210> 374
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 374						
accagctgc	tgccacatt	tctggtccag	agtcccgaac	cccgagcact	gggatgcctg	60
gctactccga	gcgttatcca	gactagcgag	tgggaggcag	atgtaaaatc	tggaacgcag	120
attttagttt	gttggaagga	gaaatgtaac	atagtgaacc	acgcatctct	ggaggggtgta	180
aagcagagac	agccaagagc	caaggcactg	atgtttgaac	tggaacttct	aaaacgttta	240
ataagagtct	tcaggatggg	tttgaactag	acaagctaga	aatttcttta	gaacaccagc	300
tctagcatgc	atctcccact	tttggctttc	ctggagagga	gcttgaagag	gtggttctgc	360
agacagccac	agtgatactc	aggaaacnca	gaggaatgga	tttgactttt	ctgctaggaa	420
tctttggtat	aagttctcct	tgagttgtaa	gangcatgga	aatatacatg	aaactgaana	480
acctgcaagg	aanggaaatg	ggaacntttc	atctgagtgn	aaactaacca	agtnggcaat	540
ttngacttga	aacccttgaa	accttcnagt	ccaantcctg	gtttggggga	taaangaacc	600
ggn						605

<210> 375
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 375						
acggatgcta	cttgtccaat	gatggtaaaa	gggtagctta	ctggttgctc	tccgattcag	60
gttagaatga	ggaggtctgc	ggctaggagt	caataaagtg	attggcttag	tgggcgaaat	120
attatgcttt	gttggttgga	tatatggagg	atggggatta	ttgctaggat	gaggatggat	180
agtaataggg	caaggacgcc	tcctagcttg	ttagggacgg	atcggagaat	tgtgtaggcg	240
aataggaaat	atcattcggg	cttgatgtgg	ggaggggtgt	ttaaggggtt	ggctagggtta	300
taattgtctg	ggtcgcctag	gaggtctggt	gagaatagtg	ttaatgtcat	taaggagaga	360
atgaanagaa	gtaagccgag	ggcgtctttg	attgtgtagt	aagggtggaa	ggtgatttta	420
tcggaatggg	aagtgattnc	taaggggntg	tttgancccc	gtttgtgcca	gaatangaag	480
tggaatgctt	cttanggctt	caataaatga	anggcanaat	gaattgaaag	gtaaanaaac	540
cntnaaggg	ggacttggtta	ctgataaccn	tcctaaaatc	attgccccgn	aacttggccc	600

<210> 376
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 376

acgcggggatc	gaagaattca	caaaaaacaa	tagcctcatc	atccccacca	tcatagccac	60
catcaccctc	cttaacctct	acttctacct	acgcctaate	tactccacct	caatcacact	120
actccccata	tctaacaacg	taaaaataaa	atgacagttt	gaacatacaa	aacccacccc	180
attcctcccc	acactcatcg	cccttaccac	gctactccta	cctatctccc	cttttatact	240
aataatctta	taaaaaaaaa	aaaaaaaaaa	aaaaaaaaaa	ncaaaaaaaaa	aaaaanaaaa	300
aaaaaaaaang	tnngccatt	tttngtttcn	ggtaaacngg	aatataangn	gaaagaacaa	360
acnttggaac	atacttaatg	gattttttata	gaactttgna	aaccaaagga	gattcatgtt	420
ttanaagtct	ggcctttttt	atatcttgga	agaaaattat	gtntggaggc	tntaaataaa	480
tcccattatt	ttctcaggga	atctgggtag	gaattgccgg	catgggaant	tttnnggggc	540
cggatnggaa	agtttggcct	aanaaatngc	nctttntnaa	naattttgga	attttgggaa	600
gccnaagca	n					611

<210> 377
 <211> 367
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(367)
 <223> n = A,T,C or G

<400> 377

acgcggggcgg	tttggcatct	ctgccctcat	cgtgggtttc	gactttgatg	tcactcctag	60
gctctatcag	actgaccctt	cgggcacata	ccatgcctgg	aaggccaatg	ccataggccg	120
gggtgccaaag	tcagtgcgtg	agttcctgga	gaagaactat	actgacgaag	ccattgaaac	180
agatgatctg	accattaagc	tggtgatcaa	ggcactcctg	gaagtgggtc	agtcagggtg	240
caaaaacatt	gaacttgctg	tcatgaggcg	agatcaatcc	ctcaagattt	taaatcctga	300
agaaattgag	aagtatgttg	caaaaaaaaa	aananaaatn	aaanaagtac	ctcggccgng	360
accacgc						367

<210> 378
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

```

<400> 378
ggtagctgga tctgtctct ctgggttgaa acccgggcgc cgccaagatg ccggcttacc      60
actcttctct catggatcct gataccaaac tcatcggaag catggcactg ttgcctatca      120
gaagtcaatt caaaggacct gccccagag agacaaaaga tacagatatt gtggatgaag      180
ccatctatta cttcaaggcc aatgtcttct tcaaaaacta tgaaattaag aatgaagctg      240
ataggacctt gatatatata actctctaca tttctgaatg tctgaagaaa ctgcaaaagt      300
gcaattccaa aagccaaggt gagaaagaaa tgtatacgct gggaaatcact aattttccat      360
tcttgagag cctgggtttc cacttaacgc aatttatgcc aaacctgcaa acaaacaggg      420
aagatgaagt gatgagagcc tatttacaac agcttaaggg caagaaactg gactggaact      480
ttgtgaagaa gttttcgacc cttagaatgg ttaaaccnac agtgggggga cttgcttttg      540
gaaanaccg tttattgacn anagtttttt tggactggan atgaaaggng ccnggttng      600
ccccggtttn n                                                                611

```

```

<210> 379
<211> 602
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(602)
<223> n = A,T,C or G

```

```

<400> 379
acagctgggt ggacctattc atgcatcttc accagcagct ggagcatctc cacccttgggt      60
atctctgggt taaattactt gagctctgtg ctttgaaacc agtttgataa gtcccttact      120
aaggagctcc tgaagggtcg ccctggccag ggagcctcga atcttcagtc tctcagagac      180
cacagctggg gttataagtt tatagttggg aacttcctta cagagtttat cataggtagc      240
tttgtcaaac aagactaagt tattgagctt gtcccgaaact ttgccttttg accacttctt      300
ctttttggcc ttgcccccg atttgttcac tgggtctttg nctttcttgg ccgactttcc      360
agegtccttc ttcttcttgt cgtccttagg cggcattgcc aagctcggag aatagcanca      420
gacacngnaa cctngtcaag atgtcngaca aaaagccccg ggtaccttgg gcgngaacac      480
gcttaaggcg aattccacac actggcggcc gtactanggg gatccagctt nggaccaact      540
tggnggaaac atggcnaact gnttcctngn ggaaaatgtn atccgttaaa attncccca      600
at                                                                602

```

```

<210> 380
<211> 598
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(598)
<223> n = A,T,C or G

```

```

<400> 380
ggtagngcgg ggggtgcctg gctccgtttc ctgcttttgg ttcttacagt agtcggcgta      60
ggccttagat tttttactgt ctcctgaaga atttaacaca aacatggata tcagacaaaa      120
tcatacaatt tatatcaaca atatgaatga caaaattaaa aaggaagaat tgaagagatc      180
cctatatgcc ctgttttctc agtttggtca tgtggtggac attgtggctt taaagaccat      240
gaagatgagg gggcaggcct ttgtcatatt taaggaaact ggctcatcca caaatgcctt      300

```

gagacagcta	caaggatttc	cattttatgg	taaaccaatg	cgaatcagta	tgcaaaacag	360
attccggata	taatatacaa	aatgcgtgga	acttttggtg	ccaagaaaag	aanaaagaaa	420
agaaaaagnc	caaacttggg	aacaactgna	caaccncaac	caaaaanctg	ggcnngggac	480
tccaaatcac	ttatacccag	ggaattcacc	ccnaatctta	ggtcctgata	ccttcaacta	540
tatttaatcc	ttaaaactta	nccgaagagc	taatngatga	tgtntcctgc	cggtaacn	598

<210> 381
 <211> 631
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(631)
 <223> n = A,T,C or G

<400> 381

ggtacgcggg	gagagtgtgg	tcaggcggct	cggactgagc	aggactttcc	ttatcccagt	60
tgattgtgca	gaatacactg	cctgtcgctt	gtcttctatt	caccatggct	tcttctgata	120
tccaggtgaa	agaactggag	aagcgtgcct	caggccaggc	ttttgagctg	attctcagcc	180
ctcgggtcaa	agaatctgtt	ccagaattcc	ccctttcccc	tccaaagaag	aaggatcttt	240
ccctggagga	aattcagaag	aaattagaag	ctgcagaaga	aagacgcaag	tcccatgaag	300
ctgaggtctt	gaagcagctg	gctgagaaaac	gagagcacga	gaaagaagtg	ctttagaagg	360
caatagaaga	agaaccacaa	cttcgtaaaa	atggcnga	aagaaactga	ccnccaaaat	420
gggagcttat	taaagagaan	ccagangnnc	caatngnttg	gccaaactgg	accgtttgca	480
anaagaaggg	ttagcccent	tgaanaaatg	ccggaagaac	caaagaattc	caagaccctt	540
gntgcnaaac	ttgaacttgc	ctaattgggtc	ttgagaactg	cttttttccc	atcccttcta	600
aaatccaaaa	atgnacctgc	ccggggggccg	t			631

<210> 382
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 382

acattcccag	atttttaagc	ctccctcata	aacacctgta	atcagatcag	agtgagaaga	60
aaagcttttt	gaaactatgt	tttctccagg	gaagttctct	ttcaacaaga	tggttttcac	120
tactgataac	ttaacatgct	ggaaacctgg	taatgtttct	atgactttat	tttctaacad	180
cttcttttaa	tcttttaggca	tagcatgctc	tttggcagct	ctcaaggagg	gctgtttcca	240
tgtggctcca	agttccttga	actgctggct	gcactgagtg	gactgtctgt	gtcttgagag	300
ggagctgcat	tttcattgac	ttatgggtccc	acaagtgacc	ctgaggcaan	gtcnaattgg	360
tctncanaac	attttttggcc	ctctcttctc	cttttttgact	tttctgagac	tgacagttct	420
tttganggaa	tccaggggna	angcttccnt	ctctaattggg	ggntaaattc	attttccaaa	480
anggnccggt	tttgggaaaa	tnaaanttga	aanggcaccc	nttttattaa	tgcccnanc	540
ttttaanttc	ngattntnaa	cttntctgnta	gaatttggtg	atccnccaaa	ttggcttaat	600
attcaaatag	ctt					613

<210> 383

<211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 383

ggtactttga	ccttggaag	gtatgggtct	gcttaaaaga	aagaagaaac	atacacgtaa	60
tcaaataaag	cttaacatta	tgcagggtct	ataatcattt	tcagcaacgg	actgcaagct	120
gcaactgtgaa	gaaaatgcat	agcagaggag	aaagctgggg	atctgaggaa	ataggtaagg	180
aaaacagtgt	caacacacag	tggaagaagt	gatgaagaca	tctattccgg	agctcacgtg	240
ccatgccctg	ctagcggttc	ttaacaagcc	acctgctcca	gaaggccaca	gcctgaccct	300
cccaagtgga	atataaatgc	ccaagtgcc	catgaagcca	ccttctncac	tacctaaaaa	360
ggttgtctgg	gactgagctc	agaacacaca	cctttctggg	ctaccaaacc	tttaagtgga	420
aagaattttt	tnctaaatat	ctanttttna	taccactttt	aacgccactt	ttatattgaa	480
attgggcttc	taattagncc	ctttcctcaa	ttccttagga	nggaactcat	aatgggagcc	540
aaccaaccag	ggattctacc	cccaatngac	tgnnctttaa	angtattatt	aattttgang	600
ggcaaagggtg	tgaatggttt	acaatacc				628

<210> 384
 <211> 620
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(620)
 <223> n = A,T,C or G

<400> 384

acaggtaagc	cctggctgcc	tccacccact	cccagggaga	ccaaaagcct	tcatacatct	60
caagttgggg	gacaaaaaaa	gggggaaggg	ggggcacgaa	ggctcatcat	tcaaaataaa	120
acaaaataaa	aaagtattaa	agcgaagatt	aaaaaaattt	tgcattacat	aattttacacg	180
aaagcaatgc	tatcacctnc	cctgtgtgga	cttgggagag	gactgggcca	ttctccttag	240
agagaagtgg	ggnggctttt	angatggcaa	gggacttcct	gtaacaatgc	atctcatatt	300
ttggaatgac	tattaaaaaa	acaacaatgt	gcaatcnaaa	gtctcggccc	atttgcgga	360
ctttgggggg	atgcttgctt	cnaccgantt	ggtgncaacc	tttnnccggt	tccanttttt	420
naaattctta	gttnnaagcnn	aaaaanntag	aatanncna	nancataact	tannaancca	480
tttaanaggt	ccctcggccg	gaacnnnctt	aanggtnaat	cccantnnnt	ggcgggcggt	540
actncgggat	ccanccttgg	nnccaaantn	gnggaattca	tggcnnaacc	gntcctgggn	600
gaantngttn	ccttnaaanc					620

<210> 385
 <211> 535
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(535)

<223> n = A,T,C or G

<400> 385

ggtactttttt	tttttttttt	tttttttggg	atttagtttt	tatttcataa	tcataaactt	60
aactctgcaa	tccagctagg	catgggaggg	aacaaggaaa	acatggaacc	caaagggaac	120
tgcagcgaga	gcacaaagat	tctaggatac	tgcgagcaaa	tggggtggag	gggtgctctc	180
ctgagctaca	gaaggaatga	tctgggtggt	aagataaaaac	acaagtcaaa	cttattcgag	240
ttgtccacag	tcagcaatgg	tgatcttctt	gctgggtcttg	ccattcctgg	acccaaagcg	300
ctccatggcc	tcacaatatt	catgccttct	ttcactttgc	caaacaccac	atgcttgcca	360
tccaaccact	cagtcttggc	agtgcagatg	aaaaactggg	aancnttttg	ggtngggncn	420
acatttgctt	tggccaaaat	gccnggaacc	ggccccgtac	cttgncngg	ccggccggtt	480
caaaagggcg	aattccacac	acttggcggg	ccgtactang	gggatccaac	ttcgg	535

<210> 386

<211> 642

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(642)

<223> n = A,T,C or G

<400> 386

acagcattgg	cagtgggtgcg	tcagaggtgg	cagaactatt	tcacactaac	cagttgaaga	60
ctacacaaga	ttaataccat	ccagcatcag	gatatagctg	tggattttac	aaaccattct	120
tattttctaac	ttcaggagtt	gatgtttttc	ccagttccatc	ttaaaatatt	actgctttta	180
tcacagatca	ggtaaaaagg	acaacatgca	caacctccac	ctagaatcct	gttgtagcct	240
agacagtga	atgatatgac	atcagaagac	tttaaaattg	cagtcctttt	tggatcccc	300
aaagtgtatc	tgcactcttc	ttcaaacggg	cctcttttcc	tcaagaagtc	agaagtcacc	360
ttcacaangn	ctgagaattc	cattctgnnc	ccaaantgca	agggacactn	aaggaagaca	420
tcattctttt	attccgtnaa	agacccttaa	ttcatgggng	gaaactgggt	gcacccgcct	480
nagaatcttt	attanactct	ttgnccaatt	tggttacaga	agagntncan	tancccccang	540
aannggtagc	ctttggagtt	tgantcacc	tcataagcac	ccttaaacca	cctgnttggg	600
gaaccttctt	tcactggtcc	ctaactttat	tangccctaa	ag		642

<210> 387

<211> 256

<212> DNA

<213> Homo sapiens

<400> 387

ggaccttttt	tttttttttt	tttttttttt	tgaaaagaaa	ggccttacat	atattattact	60
gaatccagcc	aaccaacgtg	ttcataacag	attcagagag	gaaaacacgt	cgaaatctcc	120
agatagtggg	gacattttca	gcttgatatg	gtaacatgat	cgtgaccttc	agacagcata	180
aatatgtgtg	ccatctcatg	tgcaattcct	tatagacca	gcttggttct	tctccaatgt	240
ctccttttgg	agttgt					256

<210> 388

<211> 566

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(566)
 <223> n = A,T,C or G

<400> 388
 ncnagcggcc gccngncng gnactgaaca ttggtaaaaa attatatgag ggtaaaacaa 60
 aagaagtcta cgaattgtta gacagtccag gaaaagtcct cctgcagncc aaggaccaga 120
 ttacagcagg aaatgcagct agaaaaaac cacctggaag gaaaagctgc natctcaaat 180
 aaaatcacca gttgtatttt tcagttatta caggaagcan gtattaaac tgccttcacc 240
 agaaaatgtg gggagacagc tttcattgca ccgcagtgtg aaatgattcc aattgaatgg 300
 gtttgcacaa gaatagcnac tggttctttt ctnaaaagaa atcctggngt caaggaagga 360
 tataagtntt accccctaaa gtggagntgt ttttcaagga tgatgcccat taatgaccnc 420
 cagtcgggct tgaagaacna cttgattgct gcaaaaattt gcttttcttg gacttcttat 480
 anggcnaacc tgaaanggat ttcattgaagt catgctacnc aggctatatt tgaaatctgg 540
 gagaaatcct ggttgcccaa aattgg 566

<210> 389
 <211> 629
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(629)
 <223> n = A,T,C or G

<400> 389
 actttttttt tttttttttt ttttttggtt tttttttttt tttttttttt ttttttttgc 60
 agttttctaag tcattacttt tnattttgaa agatttgnga aactnttcac atcatggtga 120
 gagtttgat gattaataan aagcagcttt ttcattgaaat gcttgagggt gaacgagttt 180
 tcagcctgng anatccgacc ntcccattaa ctttgaagtt tctcttgatt aatagaagaa 240
 aaaaggggag ggtgaanaaa aggaggaaca tgctaaaaac cttatgacaa tcatccaaat 300
 gtgaggaaag aacaacccga ttcaccaact ccactttttc tattttacaa ctttctacat 360
 ctcacncttg gattttggcc ttcttggttn aaacantcct ggcantcct tanagccct 420
 gaaaaagagc cntggntttt ncaaaagacn ntnggnnggn gaannccctn annatgcct 480
 gaccncttn cnaagaactn nntntccggg ntcccaaaag tttgacccan cagcttantg 540
 tgaannnaaa actnnccttn aaaggtaatg ggnggaanng gtgannaant gggttttttt 600
 ganaagtctt ntttttctna aaaccnccg 629

<210> 390
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(596)
 <223> n = A,T,C or G

<400> 390
 actttaattt atttcccctt tctagtgtat taagaaatga catgcacttt aatttgccaa 60
 aagcaatgct tgtattctgg cagcaacatg ctacttctat cacatagtaa agtgaatacc 120

agaactacaa	aggcaggagg	tgtaagtga	tttttattgg	gaggggagg	tggcaactta	180
aacagcagca	aataaagagt	gaataaggaa	actccctggt	gccacagata	cacaagacct	240
ccgtatgtga	tacaggagcc	atttcaattt	gtgaccctta	gacagagatg	gcaagtgcct	300
ttccattcaa	tctaatactt	ccggattcct	actaaaaagg	aatcattaag	agcatggaaa	360
agttgcttac	tggaaaggaa	accccgaag	agtaagggaa	gggaatgtga	aattaagaag	420
ttatgtggaa	tctcttaaat	tgnaattact	acatttctta	atttccaggt	atnccaaaca	480
cagtcenntg	caaaactggg	cagntactta	aatnccngat	ccattttagg	cnttacataa	540
gtgtttggga	gtacctatgg	tatttnaatg	aactttttaa	ctttnttccg	ccgtcc	596

<210> 391

<211> 625

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(625)

<223> n = A,T,C or G

<400> 391

acacacccag	gaaatttgtc	atccaccctg	agagtaacaa	ccttattatc	attgaaacgg	60
accacaatgc	ctacactgag	gccacgaaag	ctcagagaaa	gcagcagatg	gcagaggaaa	120
tggtggaagc	agcaggggag	gatgagcggg	agctggccgc	agagatggca	gcagcattcc	180
tcaatgaaaa	cctccctgaa	tccatctttg	gagctcccaa	ggctggcaat	gggcagtggg	240
cctctgtgat	ccgagtgatg	aatcccattc	aagggaacac	actggacctt	gtccagctgg	300
aacanaatga	ggcagnttta	gtgtggctgt	gtgcaagggt	tccacactgg	tgaagactgg	360
tntgtgctgg	tgggtgtngn	canaggacct	ngntnctaaa	accnccgnnt	tgggcaatgg	420
ggctttcgtc	taattnttac	aannttgntg	accaatnggg	gatnaactgg	anntttttgn	480
tcaanactnt	tttgaataaa	tntccctnnt	gcnattngcc	ntatttccctg	gggaanggtg	540
ttnatatngt	natggnnaaa	cntntanccg	nnntntaatc	ttggaatata	tatnaatacc	600
ttcttaaaan	ntgntnatta	tcctt				625

<210> 392

<211> 266

<212> DNA

<213> Homo sapiens

<400> 392

ggtacccata	ttgctaagtc	taggatcaag	ataccacata	gccagaacaa	gaagttgaag	60
gtaaacadag	aataattttat	acaggcactc	acacctgcc	tttcggaaaa	ggattaggaa	120
tccagatgcc	gtgaatttaa	ctattcggtta	caggcttgct	ctgcaatatg	ctctggagca	180
acttgccctg	agagatttct	gtatccacgg	cttcagagca	gaaagagaaa	gcaaagaagt	240
agagggagga	ataaaaatcc	ccgcgt				266

<210> 393

<211> 611

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(611)

<223> n = A,T,C or G

<400> 393

ggtacttttt	tttttttttt	tttttttttt	tggtttttacc	tgttttttatt	ccttaaaaga	60
aaaaaacaac	ttaaatgcat	acatacagaa	tagaatacac	ttacttaagt	tttgacagtg	120
aaaaaaaaata	attacagggt	agatatttaa	tccaagggtt	aacatgggga	tgatctcata	180
aggcaatttc	tttcctttta	taaatattaa	agtgaatatt	attctggaag	caaatacatct	240
cctaattctt	catcagcaaa	atcatcctca	tcgatccttt	tcttggtctgc	agtttttggt	300
cgttctattt	gagggccaag	tggttccaca	taggaggcat	ctatttcttt	gntactgcta	360
ctttcataag	gntcatttgt	cccaggtaaa	agctctgagt	ctggccttan	tccgtcaccc	420
tttactactg	gcncatagtg	ctggccacta	tnaacgntag	ccttncttnt	cnttttgnc	480
cnggagcccc	caatgcannt	ttngcntgac	tttagcncng	gnccctaatt	cttcattttt	540
ccacctttna	gnttttggca	antcttgagc	cntttttaat	cnaagacttn	gcanagccaa	600
ttaaaaaccc	c					611

<210> 394

<211> 340

<212> DNA

<213> Homo sapiens

<400> 394

acgagtccca	ctatgcgctg	cccctggggc	gcaagaaggg	agccaagctg	actcctgagg	60
aagaagagat	tttaaacaaa	aaacgatcta	aaaaaattca	gaagaaatat	gatgaaagga	120
aaaagaatgc	caaaatcagc	agtctcctgg	aggagcaggt	ccagcagggc	aagcttcttg	180
cgtgcatcgc	ttcaaggccg	ggacagtggt	gccgagcaga	tggtctatgtg	ctagagggca	240
aagagttgga	gttctatctt	aggaaaaatca	aggcccgcga	aggcaaataa	atccttggtt	300
tgtcttcacg	caaaaaaaaa	aaaaaaaaaaaa	aaaaagtacc			340

<210> 395

<211> 557

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(557)

<223> n = A,T,C or G

<400> 395

acacatcttc	aaagcacttc	cctttaacgg	gaaacttagc	tttatgggat	ttaaacatta	60
gaaagtggga	aaaaaaattc	cattttcttg	tcattataaa	ccaaaacaaa	atctagtgt	120
agtcaaggaa	actcattcac	acttcaggtc	cttctcctcc	aggaaccagc	attggtatat	180
tatttccatt	tagcaaaatc	tgatgtaatt	tagtaatcct	tcttccttct	ggtgtgattt	240
caaactcagt	gacatcttcc	agtactttnt	tttttttttt	tttttttttg	gtgttgagct	300
tggtacgcttt	cttaattggg	ggctgctttt	aggcctacta	tggtgtgtaa	atttttactc	360
tctctacaag	gnttttttct	agtggccaaa	agaagctggg	ccctcttttg	gactaccgtt	420
aaaattacca	nggggattta	aaanggggnt	tgngggccaa	attnaaagtt	ngactangan	480
tctatttttg	gccaaccagt	nttaaccagg	cttcggtang	gttggccgcc	cccgggtacc	540
ttggggccggg	aacacnc					557

<210> 396

<211> 617

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 396

ggtacngcgg	ggccactcga	gtgcgcaggc	gcctggcgat	taccgggtctc	accatggagc	60
ggaaagtgt	tgcgtccag	gcccgaaga	aaaggaccaa	ggccaagaag	gacaaagccc	120
aaaggaaatc	tgaaactcag	caccgaggct	ctgctcccca	ctctgagagt	gatctaccag	180
agcaggaaga	ggagattctg	ggatctgatg	atgatgagca	agaagatcct	aatgattatt	240
gtaaaggagg	ttatcatctt	gtgaaaattg	gagatctatt	caatgggaga	taccatgtga	300
tccgaaagt	aggctgggga	cacttttcaa	cagtatgggt	atcatgggat	attcagggga	360
agaaatttgt	ggcaatgaaa	gtagttaaaa	gtgctgaaca	ttacacttga	aaccagccta	420
gatgaaatcc	ggttgcttga	agtcagttcc	aattcagacc	ttatggatcc	aaatngaaaa	480
atggttgtca	actactagat	gacttttaaaa	ttcaggaggt	aatggaacac	atatttgcac	540
gggatttgaa	gttttggggc	anattngtta	agnngttctc	aatcaatttn	ttangggctt	600
tcctgccttg	ggtnaaa					617

<210> 397
 <211> 594
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 397

acgcggggga	tcaggactcc	tcagttcacc	ttctcacaat	gaggctccct	gctcagctcc	60
tggggctgt	aatgctctgg	gtcccagggt	ccagtgggga	ccgtcgtgg	gactcagct	120
ccggtctccc	tgcccgtcac	ccttggacag	ccggcctcca	tctcctgcag	gtctgggtga	180
actctccttt	acgaagatgg	aagcacctac	ttgagttgg	ttcaccagag	gccaggccaa	240
tctccgaggc	gcctgattta	taaagtttct	aaccgggact	ctgggggtccc	agacagattc	300
agcggcagtg	ggtcaggcac	ttattttcac	ctgaaaatca	acagggtaga	ggctgatgat	360
gttgggaatt	attactgcat	gccanggtca	aactggcccg	tcacttttct	gngaaggacn	420
aaaggtggcc	natcaaacca	actgnggctt	gaccattggc	ttcatnttcc	cgccatttga	480
taaccantga	aatctggact	gctttgtggg	ngcctgctga	aaacttntat	nccnanaggc	540
cnaagtcatg	acagtttttc	natttactcg	aaaaatntgg	aatgataat	tttn	594

<210> 398
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 398

acagtgggtcc	ttttcagagt	tggacttcta	gactcacctg	ttctcactcc	ctgttttaaat	60
-------------	------------	------------	------------	------------	-------------	----

tcaaccagc	catgcaat	caaataatag	aattgctccc	taccagc	acagggagga	120
gtctgtgcag	tttctgacac	ttgttgttga	acatggctaa	atacaatggg	tatcgctgag	180
actaagttgt	agaaattaac	aaatgtgctg	cttgggttaa	atggctacac	tcatctgact	240
cattctttat	tctattttag	ttggtttga	tcttgccctaa	ggtgcgtagt	ccaactcttg	300
gtattaccct	cctaatagtc	atactagtag	tcatactccc	tgggtgtagtg	tattctctaa	360
aagcttttaa	tgtctgcatg	cagccagcat	tcaatagtga	atggncctctc	tttggctgga	420
attaccaaac	tcagagaaat	gnnggcacag	gagaacatct	taaccccatg	aanggataaa	480
agccccaat	ggngggcnact	tgataatagc	nctaattgctt	taaanatttg	gtccactttt	540
tacctaaggt	gagcccatg	aaccannngt	gctaaangct	catacttcca	actgaaatgg	600
ttaaggaaaa	a					611

<210> 399
 <211> 614
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(614)
 <223> n = A,T,C or G

actctgtgaa	tgggtgagagg	ctgggcacct	acatgggcca	taccggagct	gtgtggtgtg	60
tggacgctga	ctgggacacc	aagcatgtcc	tcactggctc	agctgacaac	agctgtcgctc	120
tctgggactg	tgaacagga	aagcagctgg	cccttctcaa	gaccaattcg	gctgtccgga	180
cctgcggttt	tgactttggg	ggcaacatca	tcattgttctc	cacggacaag	canatgggct	240
accagtgttt	tgtgagcttt	tttgacctgc	gggatccgag	ccagattgac	aacaatgagc	300
cctacatgaa	gatcccttgc	aatgactcta	aaatcaccag	tgtgttttgg	ggacccctng	360
gggagtgcac	catnctggcc	atgaaaagtg	gagagctnaa	ccagtattag	tgcennagtt	420
tnnanaaggt	gttngttnaa	tgttaaagga	gcantttccg	gnagaataac	cnacnttcag	480
gttattccnn	gganatgacc	anngtttnga	ccccttnnna	gtccattaat	nccnaacttt	540
tttaenctca	aatttttnaan	tnanaaaact	tttngnatna	aattnttnaa	ttanttggtc	600
tttttcaata	tnnn					614

<210> 400
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

acttacactg	tgaaatttta	tgatggagta	gttcagactg	tcaaacatat	tcattgtcaaa	60
gctttttcca	aagatcaggc	ctaaagaaac	agatcacaaa	agtctttcat	catctcctga	120
taaacgagag	aagtttaaag	aacagagaaa	agcaacagtg	aatgtgaaga	aagacaaaga	180
agataaaccc	ttaaagacag	aaaagcgacc	caagcagcct	gataaagaag	gaaagttaat	240
ctgttctgaa	aaggggaaag	tgtcagagaa	aagtcttccc	agaacgaga	aggaagacaa	300
ggaaaacatt	tccgaaaatg	acagagagta	ttctggagat	gcccaagtgg	ataagaaacc	360
tgaaaatgac	attgtgaaga	gtccacaaga	aaacttgagg	ggaaccnaaa	ngaaaacgag	420
gcagaccccc	ttccatagct	nctactgctg	gggattnaaa	ctttaaactt	tggcaccat	480

acctttggac	ttnnnanaag	gaaaatttca	naggggtgtga	agtcctttaa	accgtccttg	540
gttgncaaaa	ntttttncng	ggaaagtcaa	aaacttcttt	gaaaaccttg	ccnangattt	600
ttnnngngac	nt					612

```

<210> 401
<211> 601
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(601)
<223> n = A,T,C or G

```

<400> 401						
ggtacggtaa	ctgactccag	ggtcactcat	actgtgtccg	tggtaacgg	aagtctgcag	60
ctccatcagg	atggggccct	tcccagatct	acaataggca	gcagcaaacc	ttgttgccctc	120
tggagcgac	aggatatcca	ttccatccac	tctcagccca	ggaatgaaat	cgccctctctt	180
gtagtaatca	gtgctggctg	ccgctctctc	aacagacgtt	cccattccat	agcgattatt	240
ctcacagatg	aaaatacaag	gtaatttcca	caaagctgcc	atgttgtaag	cttcgaatat	300
ctggccctgg	ttagcagcac	catcgccata	taaagtcagg	cagacctcat	cttttccatt	360
atacttacag	gctagagcaa	tcccagcgcc	caagggcacc	tgcgctccta	cgatgccatg	420
gccccgtana	agtcttgga	tacatgtgca	tgcgctccta	ttccttttagc	acaanctcct	480
tttgnccgtg	aactgcaaaa	ttntcggac	ggaaaggccc	cggtgnaaag	taaagccgtg	540
agcccggnag	gctgngatna	aanggcttgt	ggggttnaag	cccggcttca	ggtcccacag	600
a						612

```

<210> 402
<211> 600
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(600)
<223> n = A,T,C or G

```

<400> 402						
acctggagaa	gatcaaacag	cgactgtttg	agaaccttag	aatgctgccg	cacgcacctg	60
gggtccaaat	gcaggcgatt	cctgaggacg	ccatccctga	ggagagtggc	cgatgaggac	120
gaagacgacc	ctgacaagcg	catctcgatc	tgtcctctcg	acaaacgaat	tgcctgtgag	180
gaagagttct	ccgattctga	agaggaggga	gagggggggc	gcaagaactc	ttccaacttc	240
aaaaaagcca	agagagtcaa	aacagaggat	gaaaaagaga	aagacccaga	ggagaagaaa	300
gaagtcaccg	aagaggagaa	aaccaaggag	gagaagccag	aagccaaagg	ggtcaaggag	360
gaggtcaagt	tggcctgaat	ggacctnttc	agctctggct	ttctgctgag	tccttacgtt	420
ctttcccaac	cccttaaatt	tataatttct	attctctggg	gatttatata	aaaatttatt	480
naatnttaat	attcccagg	cccgaacca	agggcccga	ctnaaggnaa	ntttgcttgg	540
gtgagctntt	tcaagaacca	ccttgcaccc	atttttccgt	cttaacttta	accaaaangg	600

```

<210> 403
<211> 604
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 403

actcagtgga	tgacgagtgc	ttggtgaaat	tggtgaaagg	cctgtgtctg	aaatacctgg	60
gccgtgtcca	ggaggccgag	gagaatttta	ggagcatctc	tgccaatgaa	aagaagatta	120
aatatgacca	ctacttgatc	ccaaacgccc	tgctggagct	ggccctgctg	cttatggagc	180
aagacagaaa	cgaagaggcc	atcaaacttt	tggaatctgc	caagcaaaac	tacaagaatt	240
actccatgga	gtcaaggaca	cactttcgaa	tccaggcagc	cacactccaa	gccaagtctt	300
ccctagagaa	cagcagcaga	tccatggtct	catcagtgtc	cttgtagctt	tgtgcagcag	360
ttccgggctg	gaagacagag	acagctggac	agagctcctg	aaaacatttc	aaaaataccc	420
ccttcccctg	gcctgcctg	cctttggggg	ccancggcac	ttcagttgga	tggcacaacc	480
tantgtatcc	gtgcnnaaan	cnaacctggc	attttcaccc	anntanccaa	gggcttttgc	540
caagggnana	acagtggagc	ccttggtctg	ncctataaac	atacgggtac	cttggccgnn	600
acnn						604

<210> 404
 <211> 604
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 404

ggtactttgt	ggataagaaa	atggaggaac	acatctgatg	gagagtgggc	atttgacaac	60
aatggaacag	gtaaccagca	tgtaaaatca	aaatataagt	gtctttttta	gagctgaaag	120
ctgctgctgg	tcattcatta	atgtgtcaga	catttaatac	ggatgctgga	ccttcaaaat	180
aactgaaaaa	agaaccaaga	aaaggcggtt	ttgttttcaa	caaactttac	taaataaccc	240
cggaaaggca	atgaacgata	tgacaattta	agctctaata	atttaaagct	cagctagaag	300
aaagtgaggc	atgacatata	ctgtcaacgg	aggggtgaag	aggcagattt	ctggaaatgc	360
aatgatccca	cacatttgct	tcaaggagaa	acctgcagac	atattttcag	gtcttgctaa	420
gtaacaactg	gttatttgta	atcaatcatt	tgggaaagtc	tgctatgtag	ctaanggcac	480
tgtgaccccn	gacaacngat	gaaaaggaaa	aagcattgac	agcaggaaaa	atccttccat	540
cttaaagaat	ttagggggaca	ccttttaaagg	aaaaaaattg	ntccagcctc	atttttacaa	600
ntnt						604

<210> 405
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 405

acttgcattt	caaagctta	aagatataaa	tggagatttt	aaagtagaaa	taaatatgta	60
ttccatgttt	ttaaaagatt	actttctact	ttgtgtttca	cagacattga	atatattaaa	120
ttattccata	ttttcttttc	agtgaataat	tttttaaagt	gaagactgtt	ctaaaatcac	180
ttttttccct	aatccaattt	ttagagtggc	tagtagtttc	ttcatttgaa	attgtaagca	240
tccggtcagt	aagaatgccc	atccagtttt	ctatatttca	tagtcaaagc	cttgaaagca	300
tctacaaatc	tcttttttta	ggttttgncc	atagcatcag	ttgatcctta	ctaagttttc	360
atggggagac	ttccttcctc	acatcttatg	ttgaaatcac	tttctgtagt	caaagggtata	420
ccaaaaccaa	tttatcttga	actaaattct	aaagtatggg	tatccaacca	tatacatctg	480
ggtagcaaac	ataaatgctg	acattcttat	attatagtga	aggcttaatc	nacttgcagg	540
tgaatggaaa	aaaaataagc	ttnaacctag	gattctggaa	tgaggaatgc	tcn	593

<210> 406
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 406						
actttttttt	tttttttttt	tttttttttg	ggactgaatc	ttgctctgtc	gcccaggctg	60
gagtgcagtg	gcgcaatctt	ggctcactgc	aacctctgcc	tcttgggttc	aagtggttct	120
catgcctcag	cctcctgggt	agctgggatt	acagacaagc	accaccacaa	ccagctagtt	180
ttttttgttt	tgtttttttg	agacggagtc	tcgctctgtc	accaggctgg	agtgcagtgg	240
cacaatcttg	gctcactgca	acctctgcct	cctgggttca	agagattctc	ctgcttcagc	300
ctnccaagta	gctgggacta	caggtgcaca	ccatcacacc	tggttaattt	ttgtattttt	360
aagtanagac	ggggtttcac	catgttggcc	aggctgggtc	caaactcctg	acctcaagtg	420
aaccggccgc	ttancctcca	aagtgtctgg	attacaggcg	tgagcccact	ggcctggctg	480
accatttggt	tattaacagg	gcccccaana	tgcncttcta	ngtgaaaggg	natggcccca	540
gggaacaatt	nngctgaaaa	acaccaaagg	ccnantccat	aattcnttgg	n	591

<210> 407
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 407						
ggtactgatt	ttaaaaacta	ataacttaaa	actgccacac	gcaaaaaaga	aaaccaaaagt	60
ggtccacaaa	acattctcct	ttccttctga	aggttttacg	atgcattggt	atcattaacc	120
agtcttttac	tactaaactt	aaatggccaa	ttgaaacaaa	cagttctgag	accgttcttc	180
caccactgat	taagagtggg	gtggcaggta	ttagggataa	tattcattta	gccttctgag	240
ctttctgggc	agacttggtg	accttgccag	ctccagcagc	cttcttgtec	actgctttga	300
tgacacccac	cgcaactgtc	tgtctcatat	cacgaacagc	aaagcgaccc	aaagggtgat	360
agtctgagaa	gctctcaaca	cacatgggct	tgccaggaac	catatcaaca	atggcagcat	420
caccagactt	caagaattta	nggccatctt	tcccgggtac	ctg		463

<210> 408
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 408

acaaatatat	ataacttaca	tttgattgta	aggccaacgt	tcaaaagtaa	aatgagatg	60
agctctctta	ttgttatccg	aggtcaagag	gctgcaactg	tcaaggggat	gttctcacca	120
aaaggggggtt	tgggggaaga	ggacacacac	aaagctaata	aaaccagaat	ccccatcccc	180
acaaaactca	tgggaacaaa	atttaaagga	taaaacaaaa	cccaccaaga	cccatattac	240
aaaccaatat	ggtaacctgt	gttcccttct	atgggtatgat	tatgtcatgt	taccttagtg	300
ttaaaagatt	aacataagga	aactgcagca	atatataaaa	gatataattct	ctatagagca	360
tatttctgatt	gattccatta	aaataatgac	attagaattc	catcatangg	ttaaaccag	420
gacaatactg	nttttntctt	atttaaaaaa	aactaccacc	taatgactgn	attggtcata	480
acctgaatgg	tgtgcaatgg	gctcttccat	gaatggctgg	cngaaacaag	cttgggnct	540
gcttgagttt	cagctttcct	ctttaattta	gtngctcaat	gataaaca		588

<210> 409
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 409

ggtacaaaga	tctgacatgt	cacccagggga	cccatttcac	ccactgctct	gtttggccgc	60
cagtcttttg	tctctctctt	cagcaatggt	gaggcggata	ccctttcctc	ggggaagaga	120
aatccatggt	ttgttgccct	tgccaataac	aaaaatggtg	gaaagtgcag	tggaagagct	180
ggtgccattg	gcattcttca	cgtgaaccac	gtcaaaagat	ccaggggtgc	tctctctgtt	240
ggtgatcaca	ccaatttttc	taggttagca	cctncagtea	ccatacacag	ggtaccagtg	300
tcnaacttga	tgaaaatcaa	gtaatcntgg	ccagtctcta	aatcaaatc	ttgaatggta	360
tcaattcacc	cttgatgaag	gggaatcggg	ggtaaccgga	atgggtgccg	ggccttnatg	420
aagtcancca	natgaaggga	ttcctttggg	gcccccaaag	aacttttttn	attttcacaa	480
cttgnacctt	gcccggcggg	ccgttcaaaa	gggcnaattc	cagncacttg	gnggccgtct	540
aanggatcca	actcgacca	acttggcgna	anatggcaaa	ctgggttctg	gggaaatggt	600
atccctccaa	tn					612

<210> 410
 <211> 353
 <212> DNA
 <213> Homo sapiens

<400> 410

acgcggaagc	agtggttaaca	acgcagagta	acgcgggatg	gcacatgcag	cacaagtagg	60
tctacaagac	gctacttccc	ctatcataga	agagcttata	acctttcatg	atcacgcct	120

cataatcatt	ttccttatt	gcttcctagt	cctgtatgcc	cttttccaa	cactcacaac	180
aaaactaact	aatactaaca	tctcagacgc	tcaggaaata	gaaaccgtct	gaactatcct	240
gcccgccatc	atcctagtc	tcacgcgcct	cccatcccta	cgcatccttt	acataacaga	300
cgagggtcaac	gatccctccc	ttaccatcaa	atcaattggc	caccaatggt	acc	353

<210> 411
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)
 <223> n = A,T,C or G

<400> 411						
ggtacgcggg	gagagaaacc	tggctttact	atggcgggtg	gaggaacggc	agtgatcaca	60
cgtcggctgc	tgggaagatc	tggattctcg	tttcagggtca	ccatcagaaa	agctaagttt	120
gctgtatagt	gaggatcagg	agatctgatc	ctgattgcag	aaccttccct	gattacagaa	180
tcttggttg	tatctccac	ttcacccttc	tagaccatcc	cagaagatct	ataagatttc	240
atctgggaaa	tcactaggag	ttcttggaag	ggaaagaagg	aagattgttg	gttggataaa	300
aaacagggtt	gaatgagttc	cagaaagcnn	ggttctcaac	ctcgtggaca	gcaatctgca	360
gaagangaga	acttcaaaaa	accnactana	agcancttgc	anagaagtaa	aatgagaagg	420
ggncttctna	ngaaagaaga	cacttggnc	acagcagaaa	aaactttgac	cnantnttnc	480
caggaagana	gggggggtcc	cnctttttaa	naacccctt	taagatncng	gnngaanacc	540
tcanngacca	ncntaaatt	nnggaaaccg	aaaaggggcn	gtcctttttg	ntnncagntg	600
cncnttaan	nt					612

<210> 412
 <211> 607
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(607)
 <223> n = A,T,C or G

<400> 412						
acgcggggct	ctctcgccag	gcgtcctcgt	ggaagtgcga	tcgtcttttaa	accctgcgtg	60
gcaatccctg	acgcaccgcc	gtgatgccca	gggaagacag	ggcgacctgg	aagtccaact	120
acttccttaa	gatcatccaa	ctattggatg	attatccgaa	atgtttcatt	gtgggagcag	180
acaatgtggg	ctccaagcag	atgcagcaga	tccgcattgc	ccttcgcggg	aaggctgtgg	240
tgctgatggg	caagaacacc	atgatgcgca	aggccatccg	agggcacctg	gaaaacaacc	300
cagctctgga	gaaactgctg	cctcatatcc	gggggaatgt	gggctttgtg	ttaccaagg	360
aggacctcac	tgagatcagg	gacatgttgc	tggccaatna	ggtgcccagc	tgctgcccgt	420
gctggtgccc	atttgcccat	gtgaangtca	cttgtgccca	gcccataaca	cttgtcttng	480
ggcccganaa	gaacttcttt	tttcaggcn	ttaaaatatt	cacccttaa	antttcaagg	540
ggccccattt	gaaatcctgg	annatnngca	ttgatcaana	ttganacaaa	gtggnancnt	600
ccaaccc						607

<210> 413
 <211> 606

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 413
 acaggtcaga gtcttctttt cttttctttt tgagatggag tcttgctctg ttgccagact 60
 ggagtgcagt ggtgcgatct gggctcactg caatctccac ctcccgggtt caagcgattc 120
 tcctgcctca gcctcccgag taactgggac tacagggtgtg cgccaccaag cccagctcat 180
 ttttgatatt ttagtagaga tgggggtttca cgatgttggc taggatgggc tcgatctctg 240
 gtcagagtct tttctgtaaa tatecttggg aaagaagcaa ttttagactg tagctgttgc 300
 aaatgcttta aggaagaagc anaacaactg tcagtcttcc tgaaatgaag aaactacacc 360
 agggctgcta tatcagagca accccaacca gcactccaat catgatgccg gacagtggcc 420
 ccagcttgag aaccagagaa gttccagatg cagagactgt gagctcntga ctatgggaat 480
 tttngnggcn ntaacccaan tttgagacna aacnaggcct tngncccggt ttnnatttgg 540
 gngggatttt gcggataaan aaacttgnng gggntnctgc ggnatccatg gaacnccaaa 600
 anatng 606

<210> 414
 <211> 624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 414
 ggtacttttt tttttttttt tttttttttg tagatgaggt ctgcgtatgt tgcccaggct 60
 ggagtgcagt tattcacagg tgcaaccaca gggcactgca gcttttaaact cctggggtca 120
 agcgatcctc ctgcctcagc ctcccaaata gttgggacta gatgcacgca cnaccacgcc 180
 tgactcagga cattattctt aaagggtatta tccaggaaac agataagggtc attcataaaa 240
 cacacggntt ttttcttttag ctcaagtgtta acaatgaaag tagattccac tattgaagca 300
 caagttgcaa attggtaaca tagngaacat attgntgtag gaaaggggggt tcagtgtgnt 360
 gtgttatatn agcncttgaa ctttttatgg gngtnataag ccnngttatc ttgncccaaa 420
 gaaannccat ttnnaggatt ngatggtttt cttannggaa nannctnngg ggnattntgt 480
 ngggcatgaa cttttatgtn ggaatcagtc ccatanaggt aaggggtttt aatcccaaaa 540
 ancggggnct tttatgggaa atnnccctta cttcaaaggc caaanngatn gtnggtgtca 600
 cttcnaantt ccngannnca anng 624

<210> 415
 <211> 609
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(609)
 <223> n = A,T,C or G

```

<400> 415
acgcggggtta caacggaagt aaaatctgtc gaaatgcacc atgaagcttt gagtgaagct 60
cttcctggggg acaatgtggg cttcaatgtc aagaatgtgt ctgtcaagga tgttcgtcgt 120
ggcaacngtt gctggtgaca gcaaaaatga cccaccaatg gaagcagctg gcttcactgc 180
tcaggtgatt atcctgaacc atccaggcca aataagcgcc ggctatgccc ctgtattgga 240
ttgccacacg gctcacattg catgcaagtt tgctgagctg aaggaaaaga ttgatcgccg 300
ntctggtaaa aagctggaag aaggccctaa attcttgaag tctggtgatg ctgccattgt 360
tgatatgggt cctggcaagc ccatgtgttg ttgagagctt tctcagacta tccacctttg 420
ggtngctttg ctggctcgtga natgagacag acagggtccn gtggggtggc atcaanncat 480
gggacaanaa aggcttnttg gancctgcaa aggtncncaa nttttgncca naagcntcaa 540
aagntaattg aatttttccc ctannnctg cncnccnctt tannanggnn ggaaaacggc 600
ttaaanntt 609

```

<210> 416

<211> 577

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(577)

<223> n = A,T,C or G

<400> 416

```

ggtagcagct gattgggaac gggctccaat ggacatggct ctgcagtcaa aatagtttagc 60
agatggacag gtttgaaaaa tgtgagggcc catatcatca tanccagcaa taaggagacc 120
aacaccatat ggtctccggc catatcgtt gtgttggtat ctgggtcttg cttccaatta 180
gagatacaag actgagacac aggcagtggc ctatcgaata caaatctgga atncaaacac 240
tcctgacgca taaaattaca taacagncta gcatnancag taagcccccg caattgagat 300
accaatatgg ttgtcaacat ggagaatttt tttctgatga cctgccaaact cttgatttgc 360
gcccttttca atgcnaaccc aaaactggca tgaagntttt gnatttcaga ccancctgnt 420
ggctgnacct tggcttaaca ggtttccatt ggcntatttc natttggatn aantcttgcc 480
cntggggggg ttcnaancta ggggccatca nttggtcaaa ctgntttnta aaccatgggg 540
gcnggctcng gccttggttg ctggcntcaa caaaaan 577

```

<210> 417

<211> 570

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(570)

<223> n = A,T,C or G

<400> 417

```

ggtactaaga atattagaga actggaaatc cagttttttt gtggtttttt aagaaagaga 60
atctgactcc attgccacag ttggagagca gtgggtgcaat agctggggct acaggcgtga 120
gccaccacac caggcctgga aaccacagtt taatttgatg actacaaatg gttggcaact 180
gattccttaa ttgttattgc aggagtaggc ccaacatgag tccatatgta gtccttctct 240
ggtctggtgg gaactgtggg aaatggtgat gaccgtgact tgaaatactn agaaggtgca 300
tgacaaacaa attccaagta ttccatcttc cttggaagat cttcctctgg ccctatgata 360

```

taggaagcng	gaatcaaatt	tgggctcttg	ggctaagant	aggggtatgg	aatgagcccc	420
cgtnaantgg	cttgnacttc	ttcttcgcta	atactggggc	ctggattaaa	accttttgat	480
ttnancnata	gntagggctt	tccttcttgg	ttaatcaatt	cccagaaacc	aacattccca	540
atttgggtaa	natactccct	tgtanaaaaa				570

<210> 418
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 418						
ggtacttcta	cacatctgcc	taacttggga	atgaatgtgg	gagaaaatcg	ctgctgctga	60
gatggactcc	agaagaagaa	actgtttctc	caggcgactt	tgaacccatt	ttttggcagt	120
gttcatatta	ttaaactagt	caaaaatgct	aaaataattt	gggagaaaat	attttttaag	180
tagtggtata	gtttcatggt	tatcttttat	tatgttttgt	gaagtttgtt	cttttcacta	240
attacctata	ctatgccaat	atttccttat	atctatccat	aacatttata	ctacatttgt	300
aagagaatat	gcacgtgaaa	cttaacactt	tataaggtaa	aaatgagggt	tccaagattt	360
aataatctga	tncagttctt	gntatttccc	aatagaatgg	gactnngnnc	tgtaaanggc	420
ttaagganaa	aggggaagata	aggggtaaaa	gttggttaat	ggacccaacc	ntttnaaaga	480
aatgcnntan	anaatatntt	natgantaaa	naaaggtnc	tngcccnggc	cggccggttt	540
aaangggcca	atttcnagca	cnctnggcgg				570

<210> 419
 <211> 574
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 419						
ggtacacctt	tgactacagc	tgcagaagtg	ttccttttaga	caaagttgtg	acccatttta	60
ctctggataa	gggcagaaac	ggttcacatt	ccattatttg	taaagttacc	tgctgttagc	120
tttcattatt	tttgctacac	tcattttatt	tgnatttaaa	tgttttangc	aacctaaaga	180
caaatgtaaa	agtaaagatg	caggaaaaat	gaattgcttg	gtattcatta	cttcatgtat	240
atcaagcaca	gcagtaaaac	aaaaacccat	gtatttnact	tttttttagg	attttttgct	300
ttctgtgatt	tttcttnttt	tttgataact	gcctaacatg	catgtgctgt	anaantnagt	360
taaccagggg	aataaccttg	ngatnatggc	ctanccttta	gtttangtct	tatgaanttt	420
tcattgacca	attctaanca	ataatgggtt	annaacaccg	tgntntnaaa	atctctggta	480
anttggaat	aaaagggttn	nttgaaatgg	gccttttcca	cnnactttnt	ttnncagctn	540
tttcttggn	aataagccct	nggttcctga	aacc			574

<210> 420
 <211> 573
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 420

acctccggta	gaattcgggtg	aatccatctg	gtcctggact	cttttttggtt	ggtaaactat	60
tgattattgc	cacaatttca	gctcctgtta	ttgggtctatt	cagagattca	acttcttcct	120
ggtttagtct	tgggagagtg	tatgtgtcga	ggaatttatc	catttcttct	agattttcta	180
gtttatttgc	gtagagggtg	ttgtagtatt	ctctgatggg	agtttgtatt	tctgtgggat	240
cggtaggtgat	atccccctta	tcatttttta	ttgngtctat	ttgattcttc	tctctttttt	300
tatntagtct	tgctagcagt	ctatcaattt	ntgtngatcc	ttttcanaaa	aaccngctc	360
ctggaattca	tttaatnttt	tnaagggggt	ttttngtggc	ctctaatttc	cttcaagttc	420
tggctctgat	ttaaagttaat	atncctggct	ttttggctac	nttttgnaa	gnnggttggc	480
cntgnntttt	ctanntcctn	ttnaantggg	gatngnttnn	aangcccatt	ttnggaannt	540
ccccgctttt	ntttgggggg	catttangtt	nnn			573

<210> 421
 <211> 582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 421

ggtacgcggg	ggtccgccat	ttcgtggacg	ccgggtgagt	gagagagttg	gttggtgttg	60
ggccggagga	aagcgggaag	actcatcgga	gcggtgtggat	ttgagccgcc	gcatttttta	120
accctagatc	tcgaaatgca	tcgtgatttc	tgtccatttg	actgtaaggt	ttatgtaggc	180
aatcttgga	acaatggcaa	caagacggaa	ttggaacggg	cttttggtta	ctatggacca	240
ctccgaagtg	tgtgggttgn	tagaaaccca	cccngctttg	cttttgntga	atttgaagat	300
ccccgagatg	canctgatgc	aatccgagag	ctanattngn	angaacacta	tgtggcctgc	360
ccgtgtnagg	aattggaact	ggccgnaatg	ggtgaaanaa	agaangttcg	aaaattcgtg	420
gncctncntt	ccttttgngg	gtcgtcngnc	cttnagaatg	attaatcggn	nggaaggang	480
tccttccncc	ttnncccnan	antttncant	aaangaanaa	agcttttttt	ngcaaccn	540
aancaggtcc	cttttttttag	attggganaa	atagnngagn	tc		582

<210> 422
 <211> 570
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 422

ggtactctga	ggcttttagat	tcagtttggg	tctttggggg	ggacctctat	catcacgcct	60
ataatcatcc	cgagagtaat	catctctgga	gctccacgac	cgatcatccc	gtctgtcata	120

tcgggtcttca	tagcgggtccc	cgccctcctct	gtagtcatca	tccctgcgat	acccactgcc	180
aatggtcttt	ctgccactgc	ctatccggga	atcatagcct	ctatcatagt	ctctgctgcc	240
tcgggtcatca	tagcgatccc	ggccaccata	tcgatccata	tcccggcgtg	ggccatccga	300
tacccatccc	gatacccatc	ccgataaccgg	ctgaatcata	acgatctcga	tacttgnctc	360
caaagctatc	atcacctctt	ctaggtgggt	aagtcatcaa	agctgtctgg	tagcaaggac	420
gaagcccttc	aagtctggat	ctgggttggg	cagaatnccc	atttttatca	cnggccaaaa	480
gnaacgaatc	atccctnngc	tttaaccnng	ngcttgatcn	agcaacgtcc	acntcgaaat	540
tntcctngtt	acctananaa	ctcttcattg				570

<210> 423
 <211> 584
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(584)
 <223> n = A,T,C or G

<400> 423

acccgggtgg	ttaaacttcg	canaatgcct	agatattatc	ctactgaaga	tttgccctnga	60
aagctgttga	nccacggcaa	aaaacccttc	agtcagcacg	tgagaaaact	gcgagccanc	120
attaccnng	ggaccattct	gatcatcctc	actggacgcc	acaggggcan	gaggggtggtt	180
ttnctgaagc	agctggctag	tggttatta	cttgtgactg	gacctctggt	cctnaatcga	240
gttccctctac	naagaacaca	ccaataaatt	tgtcattgcc	acttcaacca	anantcngat	300
atcagcaatg	taaaaatncc	aaancatctt	actgatgctt	actttaagaa	gangaagctg	360
cngaagccca	anacancnng	gaaggtgaga	tctttcgaca	canaagtatg	agaanttatg	420
agatttacgg	agcaangcan	ggattgatca	nganaagctt	ngggcctcac	caaatttttn	480
nccaanannt	tcaaagttta	ttttcntnag	tttcnnnggg	cttncttgcn	antctgggggn	540
tggtctttgnc	ctaattgggaa	tttattnctc	ccaaaaatgg	nggn		584

<210> 424
 <211> 547
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(547)
 <223> n = A,T,C or G

<400> 424

actcttgggt	tgtcaatggg	actttccagc	aatccaccca	agagctcttt	atccccaaca	60
tcactgtgaa	taatagtggg	tcctatacgt	gccaagccca	taactcagac	actggcctca	120
ataggaccac	agtcacgacg	atcacagtct	atgcagagcc	acccaaacc	ttcatcacca	180
gcaacaactc	caaccccggtg	gaggatgagg	atgctgtagc	cttaacctgt	gaacctgaga	240
ttcagaacac	aacctacctg	tggtgggtaa	ataatcagag	cctcccgggtc	agtcccaggc	300
tgcagctgtc	caatgacaac	gggacctca	ctctactcag	tgtcacaagg	aatgatgtag	360
gaccctatga	gtgtggaatc	cagaacgaat	taagtgttga	ccacagcgac	ccagtcattc	420
tggaatgncc	tctatggncc	aaacgaaccc	caccatttcc	cctnatacac	taattaccgn	480
ccaggggtga	accttaagct	tttctggcat	gcagccttta	cccacctggc	acagtattct	540
tggtctgn						547

<210> 425
 <211> 567
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

<400> 425

ggtaccatcc	tttaatatagat	ctcatacacc	agaattcaga	tcataaatga	ctgacagaat	60
atattgttgg	gcagtcctga	tttaaaacta	agactggcctt	gtgggttaaat	gaatatgttc	120
agtttttgaa	ttttaatatag	aactccaatt	cagtaaatgg	tatcactgtt	taccctttt	180
aaagatatga	ttagacttcg	ttagtaatgt	tcaacttttc	acaaagatgg	tgagtgccat	240
cttaaaactt	actggagatt	ggctttatat	ttagatttat	ataactgggt	atgtgaatat	300
atttaataac	tggggaaatt	gcttcactgt	cttagaacca	agcaagattc	acctgtgttt	360
tgtgttcatt	ttcatttgcc	tcttaaaggc	aaggggttga	agataaataa	ggtagcaatg	420
tctatagttt	tggccttaac	ctatgccaat	cctaattata	attccctgga	nttnaaaang	480
gttnctttta	ccttatttgg	aanggcnttt	taaatngngg	gttnntgggn	naatatataa	540
aggattattc	acccttttca	catnttn				567

<210> 426
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> n = A,T,C or G

<400> 426

ggtacaattt	gttcaaggaa	tttttgtaga	aaaatacgat	cctacgatag	aagattctta	60
tagaaagcaa	gttgaagtag	atgcacaaca	gtgtatgctt	gaaatcttgg	atactgcagg	120
aacggagcaa	tttacagcaa	tgagggattt	atacatgaaa	aatggacaag	gatttgcatt	180
agtttattcc	atcacagcac	agtcacacatt	taacgattta	caagacctga	gagaacagat	240
tcttcgagtt	aaagacactg	atgatgttcc	aatgattctt	gttggttaata	agtgtgactt	300
ggaagatgaa	agagttgtag	ggaaggaaca	aggcctaaaat	ctagcaagac	aatggaacaa	360
ctgtgcattc	ttagaatctt	ctgnaaaatc	aaaaataaat	ggtaatgaga	attttttatg	420
acctantgcg	gcaaattacc	ggaaaaactt	ccngngcctg	ggaaggctng	gcaaaaggcc	480
ttcatggcca	gntgcttaat	tatnctaaat	gccttganc	ttttgaccag	gntctgaana	540
actgttgnc	aattcaacag	ggg				563

<210> 427
 <211> 567
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(567)
 <223> n = A,T,C or G

```

<400> 427
ggtacttttt tttttttttt tttttttttt tttttgttaa aaaccataca tcctttttat 60
tgntaagtca taaagaggta tcaaaattaa aagcaaaaat tacagggtaa gacttaacaa 120
aactactagg agcgtcaaag gaagtgaana tgggactagg cgcggggcaa tatgaattaa 180
tgaacatggg aaggacaagg atgggganaa cggtagcat gtgctgaana tactagggga 240
gaggatctgg tgaaaaattt gatcttanac aagcgctag gtaaagaaat aatgggataa 300
gatttctaaa cccactatg gagcttaaga gtcactctng ccattggcgc tgtctctgnc 360
atcctctcct tcctcaagnc tctttttcat catnctttga tccaattcca gctgggcaat 420
tccccgatac ttnnattatc atcatcatc cantanggnn ccntttctta ggaannngntn 480
ttttggnocc cccttaanat ttcaatttcc cttnnnccca ttttttttan ggagnttgtg 540
gcnntggccc ttttnggntt aaaaatn 567

```

<210> 428

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 428

```

ggtaccctat gaacctgact ctgtggtcat ggcagaagct cctcctgggg tagagacaga 60
tcttattgat gttggatnca cagatgatgt gaagaaagga ggccctggaa gaggagggag 120
tggtggcttc acagaccag ttggtggacc tgatggaacg gtgccaatgc ccatgccccat 180
gcccattgct atgccatctg naaatacnac ctttctcata tccactgcca aagggacccat 240
canatttcaa tggactgcca atggggaccc atcaggcctt tnccaatatt catccacctt 300
cagataccag cnactcccc atcgnatgaa tctgnanatg acattaatgc tgataatgaa 360
tatctctttt tgcacanatt gttggtcctg gacccacgac aanaancctt tgcaaanctt 420
nctttccaga cctggaggat tacttatnga cacenttgct cctaaccaga agttgnccat 480
ttngngccng aacancactt tcccaactgg canttngctg gatcccagnn ctttcnggat 540
ttggaanaac nttggctttt gatggatttt ttccccgg 578

```

<210> 429

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 429

```

ggtaccaaga gtttgctcct ggctgctttg atgtcagtgc tgctactcca cctctgcggc 60
gaatcagaag cagcaagcaa ctttgactgc tgtcttggat acacagaccg tattcttcat 120
cctaaattta ttgtgggctt cacacggcag ctggccaatg aaggctgtga catcaatgct 180
atcatctttc acacaaagaa aaagttgtct gtgtgcgcaa atccaaaaca gacttgggtg 240
aaatatattg tgcgtctcct cagtaaaaaa gtnaagaaca tgtaaaaact gtggcttttt 300
ctggaatgga attggacata gcccangaac agaaagaacc ttgctgggct ggaggtttca 360
cttgcacatc atggaagggt ttagtgctta atctaatttg ggccctcactg gacttngncc 420

```

atttaaatgaa	gttnantcat	tattgnnato	atagtttget	ttgtttnaan	ccttnncatt	480
taaagttaaa	actggaattt	nanggtaatt	tnaacttgta	nggtttcctg	ggtttagctt	540
tttaaatacnt	aatttttcca	taagcntttt	tg			572

<210> 430
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 430						
ggtacagccc	aggtaatttg	ctgagcctaa	tgggtgtcag	ggtcagtcta	agtgaaggca	60
aagagaggct	gggatgaagg	gtgcaaagga	atagtaaaga	aagcatgttt	gagatccana	120
acagaataat	gggtagtaga	gggaggtatt	gaggatagaa	nagtatatgg	gtttggcacc	180
acgggggtgga	taggcaaaac	atttggttga	taangcgcag	attctgaact	aacttgtaag	240
gcttgtctgg	ttttaggaca	ggtaaaatgg	nggaatggta	aggagaagtt	tatagggttt	300
atgagcccat	gctgtancan	gcaagtgata	actngctttt	aatccctttt	cnaaagcaat	360
gcctggngnt	atgaagnata	tttggcattt	gatcnggggt	tnaanggntg	attagngttn	420
ctantgaaca	atngnaaagg	ggntgccatg	atcngtnncc	caaggatgng	attttanggn	480
antctcntac	ttgtgggggt	naagggtggn	gggntttttac	naggnggggtc	cccnaagggg	540
gcctnttggn	tntangnaat	aaanggccng	nnaatngana	atccnnnttn	n	591

<210> 431
 <211> 565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(565)
 <223> n = A,T,C or G

<400> 431						
accagtgatg	ttttgatata	agcatataat	gtttaatgat	caagtcagga	taaattgggg	60
atccatcacc	tcaagcacat	ataatcattt	ctttgtatta	ggcatattca	aattccactc	120
tttttagttat	ttttaaatat	ccagtaaatt	agatcttatt	cattctatct	agatgtattt	180
ttgtacttta	tttttctcaa	atattttttac	ttatgctttt	tgtcattatc	cacagtgttt	240
tttttttaaag	cctgagccac	tttgtgggtt	cagcctcaat	ataataatca	tccccttact	300
cttagactaa	ttccttttcc	cctgncactt	tgctgtata	ctctgtaaaa	atgangacct	360
tagaaaatca	acatttcctg	gtgaactttg	agagactatt	acaagcagtg	cccaaaacag	420
tangaataag	gcaggtaaaa	ccagttggga	tagccagatn	tattattgat	ctggtnngac	480
aaanggataa	nttgnggggc	atggtttcca	nggcantcgn	gaattcccca	ttagctttaa	540
gggtcnatnn	angntggccc	anggg				565

<210> 432
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(578)
 <223> n = A,T,C or G

<400> 432

acgcgggggc	caccgtggag	agcagagcgc	ggcggctgga	agctgctaag	tcagagccgc	60
gatgttccgg	attgagggcc	tcgcaccgaa	gctggacccg	gaggagatga	aacggaagat	120
gcgcgaggat	atgatctcct	ccatacgga	ctttctcatc	tacgtggccc	tcctgcgagt	180
cactccattt	atcttaaaga	aattggacag	catatgaaga	caggacatca	catatgaatg	240
caccgatatg	aagagcctgg	ttacagtttc	gactcctctc	tgnaagtga	taggcccaga	300
aagggtgaag	agactctttg	aatggacata	aaattctgct	tgtnnagaac	caagtttttg	360
ntctgggtna	ctgacctttc	aaaagctaaa	attttaaaac	tattttgggg	aagtttttta	420
tttnnntatt	nntcngtttn	ttnatataaa	agtaccttgg	tnccggnacc	accntttaag	480
ggcnaatttn	cagncnnctn	ngngggccgn	ttacttttng	ggatncntaa	nttcgggganc	540
cnaantcttg	ggggtaantc	angggtcata	nnctggtt			578

<210> 433
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> n = A,T,C or G

<400> 433

acttcttctg	gccaaaggct	gttccacatt	cactacattt	aaaaggcttc	tctccaatat	60
ggattttctc	atgctcagta	aggttggatt	tgccactgaa	ggtttttcca	cactccttac	120
atacaaaggg	cttctctcct	gtgtgagttc	tctgggtgtc	gatgagggtt	gacttctgaa	180
tgaaagcttt	cccgcacatc	ttacactcaa	aaggtttttc	tccagtgtga	attttctggt	240
gcgtaaggag	gttttccctc	tggtctaaatg	attttccaca	ttcattacat	tcgaaaagct	300
tctcgccagt	atgggtgttc	tgatgtttta	tgacatactg	cttttggcta	aaggcttttc	360
cacactcggt	acattcaaaa	gggttctctc	tccgtgtgaa	aatgctcatg	ctcantgang	420
tttgaattgn	nggcttgaag	acttttccca	taccettaca	ggcaaanggg	gttttcccn	480
ttggaanatn	tntggctgcn	tnaagntggt	gacatctgga	tnggaaacct	tttcncatt	540
tccaaagggn	tttttttcnn	nag				563

<210> 434
 <211> 563
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(563)
 <223> n = A,T,C or G

<400> 434

ggtacagctg	tctgcattga	aaattcatgc	atggagaaaag	ggagtaagca	agggagaaac	60
ggtgcgattc	acatattccg	cgagatcatc	aagccagcag	agaaatccct	ccatgaaaag	120
ttaaaacaag	ataagcgctt	tagcaccttc	ctcagcctac	ttgaagctgc	agacttgaaa	180

gagctcctga	cacaacctgg	agactggaca	ttatttgtgc	caaccaatga	tgctttttaag	240
ggaatgacta	gtgaagaaaa	agaaattctg	atcgggacaa	aaatgctctt	caaaacatca	300
ttctttatca	cctgacacca	ggagttttca	ttggaaaagg	atttgaacct	ggtgttacta	360
acatttttaa	gaccacacca	ggaaacaaaa	tcttttcttg	aaagaaagta	aatngatcca	420
cttctggtga	atgaatttga	aattcaaagg	aatctggcct	tcattgccanc	aaatgggggt	480
aattcatgnt	ggagaataac	ctcctttatc	cagccgnaca	cacctgttgg	aaatggatcc	540
aactgctgga	aattncttaa	taa				563

<210> 435
 <211> 558
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(558)
 <223> n = A,T,C or G

<400> 435						
ggtacgcggg	ggaagatggc	ggccgtgcag	gcggccgagg	tgaaagtgga	tggcagcgag	60
ccgaaactga	gcaagaatga	gctgaagaga	cgctgaaag	ctgagaagaa	agtagcagag	120
aaggaggcca	aacagaaaga	gctcagttag	aaacagctaa	gccaagccac	tgctgctgcc	180
accaaccaca	ccactgataa	tggtgtgggt	cctgaggaag	agagcgtgga	cccaaataca	240
tactacaaaa	tccgcagtca	agcaattcat	cagctgaagg	tcaatgggga	agacccatac	300
ccacacaagt	tccatgtaga	catctcactc	actgacttca	tccaaaaata	taagtcacct	360
gcagcctggg	gatcacctga	ctgacatcac	cttaaagggtg	gcaggtagga	tccttccaaa	420
agancctntg	ggggaaactn	antcttctnt	tgaactttca	aggaaanggg	tgaagtttgc	480
agtcattggc	caattccaga	aatttttaaat	cagnagaaga	atttttccta	ttaataccaa	540
ctgggtcggg	ggagactn					558

<210> 436
 <211> 528
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(528)
 <223> n = A,T,C or G

<400> 436						
ggtacaaaaa	aaaccttaca	taaattaaga	atgaatacat	ttacaggcgt	aaatgcaaac	60
cgcttccaac	tcaaagcaag	taacagccca	cgatgttctg	gccaaagaca	tcagctaaga	120
aaggaaactg	ggtcctacgg	cttggacttt	ccaaccctga	cagaccgcga	agacaaaaca	180
actggttctt	gccagcctct	agagaaatcc	cagaacactc	agccctgaca	cgtaataacc	240
aagggggaaca	gttaactcca	atacaaggtc	aaaatcagca	acaagtctta	caatccagtg	300
ctgatatcag	atacaaagct	tcaagggcaa	tttcttttcg	aaggcttatt	ccagtttcgt	360
gaggctagca	tgaagtgtgt	gcatttgcca	ggggcaaat	tctattctca	attaacccat	420
gcagcaaant	gctacgcata	tggtctgagtc	cggtttanaa	nccatttgcc	ggnggaccaa	480
tggaaggggc	ccgaattcgt	cnnaacttgn	cccggggcgg	ccgttcaa		528

<210> 437
 <211> 576

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 437

actttttttt	ttttttttt	ttttttttt	aggtttgagg	gggaatgctg	ganattgtaa	60
tgggtatgga	gacatgtcat	ataagtaatg	ctaggggtgag	tggtaggaag	ttttttcata	120
ggaggtgtat	gggttggtcg	tagcggaatc	gggggtatgc	tgttcgaatt	cataagaaca	180
gggaggttag	aantagggtc	ttggtgacaa	aatatgttgt	gtagagtcca	gggganagtg	240
cgtcatangt	tgttcctagg	aanattgtac	nggtgagggt	tgtttattat	aataatgttn	300
gggtatccgg	ctntgaaana	atngggccaa	ngggcctgcg	gtgtattcga	ngttnaaacc	360
tgagactagt	tcggactccc	ntttgcaagg	ncccaaaggg	ggttnggttt	ggcccttgct	420
annggtgnga	naataaatcn	tnntttattg	cccaaggggt	cttaacngcn	aggagttaat	480
ccaaaggggt	ncntnggntt	tnnnnanaaa	nggttgnaaa	aagggttaaag	ggaccncct	540
ttntnnntaa	tgntcgnaat	gtcaaatnga	tngcnn			576

<210> 438
<211> 576
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(576)
<223> n = A,T,C or G

<400> 438

ggtaccccaa	ttaccagtat	ggtggaccct	accctttctt	ctctgcattg	ggaaacagaa	60
cagagaacag	aaaaaatcat	tccatcttgc	tcttaactct	ttccacctat	gtgctcagtt	120
tttcaagtag	aatttctatt	cctttgctgg	tgcttttggt	tttttccaat	gtaggaatca	180
agcttttcag	tgcagctttg	actttgtttg	caacttccag	gtcacaactc	tggaggaggc	240
tagaaagaat	aatggcacct	cgatttacac	tagcccagga	cttcagggtc	ttcataccaa	300
catgctctac	aagtgttttt	gcaaaacaac	cttctcttcc	attntctttt	catcttttta	360
tcttgctcta	ttaaccactt	nagaaactaa	gaatgtccct	gcaaggatgt	tctggcaatg	420
ntgaaagctt	ctccgtcctt	ggccaccagg	atgcaagtcc	ntggttnttg	ccagcttggc	480
cnatnggcat	tccatnggna	nggcttgaac	cgttttccag	ggggcagant	cccaaaatgg	540
ccngacacca	accnacang	cagacttntt	ttagcn			576

<210> 439
<211> 578
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

<400> 439

cgaggtacgc	gggggagaaa	aaacctgcgg	aaaatggtag	cgatggcggc	tgggccgagt	60
gggtgtctgg	tgccggcggt	tgggctacgg	ttgttggttg	cgactgtgct	tcaagcgggtg	120
tctgcttttg	gggcagagtt	ttcatcggag	gcatgcagag	agttaggctt	ttctagcaac	180
ttgcttttga	gctcttgtag	tcttctcgga	cagttcaacc	tgcttcagct	ggatcctgat	240
tgcagaggat	gctgtcagga	ggaagcacia	tttgaaacca	aaaagctgta	tgcaggagct	300
attcttgaag	tttgnggatg	aaaattggga	aggttccctn	aagtccaanc	ttttgttang	360
agtataaaaa	cccaaactgt	tcagaaggac	tgccaaatna	aagtatgtnn	cgtggtttca	420
aacntgaat	taaaaggctt	ttngaccaac	atnggnnaca	attgcttgan	nacttgtcca	480
tttcttaaaa	ttgggaacnc	tggaccnggt	nanaaanatt	tcngattgga	aaantttgga	540
ccncatttta	aatcttgctt	aaattttggc	caatcctt			578

<210> 440
 <211> 573
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 440						
ggtacttttt	tttttttttg	agacagggtc	ttgccctgtc	accagggctc	gagtgcactg	60
gagtgatcac	agctcactgg	cctcaagtga	tctcctgtcc	ttggcccctt	aagtgccagg	120
gttacaggca	tgagctacca	tgccctggcag	aaattcaaga	tttgataaaa	cttacttctt	180
tgccaagcct	gttcttcaag	ttattcagaa	ctgggtgtat	accttgtcct	catatgtatc	240
ttgtccctgc	tgtcttttag	gttagcaagg	tgtatgaata	cttttaagtt	ttgtttgttc	300
ttttcctcgt	ggtatcaagt	gaaatactga	tctattctct	ggctagggtc	aatttacaaa	360
attgccatgg	aactgagcca	aaaggcccca	cgtgggataa	aaattnccta	ccatcgacgc	420
ccanccgtan	tttttcaagg	tattggcttt	tgggaagnttt	accaaatttc	nggtaaacca	480
aaattcnaaa	agnaaaaaat	tnccctggng	taaccttgcc	cgggcgggccg	ttcaaaaggg	540
cnaatttcca	ncacattggg	cggccgttaa	tna			573

<210> 441
 <211> 572
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(572)
 <223> n = A,T,C or G

<400> 441						
ggtacaaaaat	tttattaaag	gtcttttagag	agcaacatcc	agactccaga	atacagctgc	60
caaggagacc	ctgttatgct	gtggggactg	gctggggcat	ggcaggcggc	tctggcttcc	120
cacccttctg	ttctgagatg	ggggtgggtg	gcagtatctc	atctttgggt	tccacaatgc	180
tcacgtgggtc	aggcaggggc	ttcttagggc	caatcttacc	agttgggtcc	cagggcagca	240
tgatcttcac	cttgatgccc	agcacaccct	gtctgagcaa	cacgtggcgc	acagcagtgt	300
caacgtagta	gttaacaggg	gtctccgctt	gtggatcatc	aagccatcca	caaacttcat	360
ggatttagcc	ctctgncctt	cggaggttcc	cagacaccca	caanctngca	agcctttggc	420
cccacttttc	catgatgaaa	ctgnagncac	aaccatangc	aagggccctt	cggacannta	480
aggccttcct	aaggagnttg	naacncnana	naacttttgc	ttgggcantg	ggcacaccag	540

<210> 442
<211> 562
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(562)
<223> n = A,T,C or G

<400> 442
acaggtcaga gtcttctttt cttttctttt tgagatggag tcttgctctg ttgccagact 60
ggagtgcagt ggtgcgatct gggctcactg caatctccac ctcccgggtt caagcgattc 120
tcctgcctca gcctcccagag taactgggac tacagggtgcg cgccaccaag cccagctcat 180
ttttgtattt ttagtagaga tggggtttca cgatgttggc taggatggtc tcatctctg 240
gtcagagtct tttctgtaaa tatccttggg aaagaagcaa ttttagactg tagctgttgc 300
aaatgcttta aggaagaagc aaaacaactg tcaagtcttc ctgaaatgaa gaaactncac 360
cagggctgct atatacagaac aaccncaacc aagcacttca aacatgatgc cgacagggtgg 420
ccccagctta aaaaaccagg aanaagttcn gantccnnaa actgngaagc cctcttggac 480
ttttggaatt aattgggggc cagtagccaa gttatnagac caaatcangg cntagggccc 540
cgtattattt ggcgggggatt tg 562

<210> 443
<211> 585
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(585)
<223> n = A,T,C or G

<400> 443
acttttattt tttgggtggtg aaattgactg atgattttcc tttttcttcg ctggactatt 60
gtgccaaactg ccaggctgcc tcctgccctt acagccctaa gtggctgcct tctttccatc 120
aaactcccaac ttcttctctg gaagttaaat tgtctcaacg cctccccctc cccattccc 180
tccatttttc tcccaagaaa cctgactcaa ttatttgcac attttgagaa actgctgcag 240
attagttctt tttgccagtt ttcctgggaa ctctggcct tttgtggagg ggagggatgg 300
agagaatagg aatcttcact agaagccgtg ggaagaattg gaagttacat gctgtatatg 360
caatgtccag cagtctgata aactgacgat tcttaatcaa gattttttcc tgatggggaa 420
gggactttta ttttctttta nagaggggaa agtgtgagct cttcccttat tcctaatggc 480
tatttttgaa gcaaanaagg ccacaacatt ngcacatgcc acctgcnaag gaccttgagt 540
nagtgaagnc tcctaaaact ggggttaanaa ccttgttttc tctnn 585

<210> 444
<211> 437
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature

<222> (1) ... (437)
 <223> n = A,T,C or G

<400> 444

acgcggggac	gtgactcagc	actttcccca	gagccccggac	tgccggagAAC	aatatcctcc	60
tccctaacag	ataaacagcc	cttggtcctc	gggataagga	ctggcagtc	cctgacaccc	120
taagaccggc	atctgtcgat	gttatttccc	cagcatggcc	gaaacagaag	ccctgtcgaa	180
gcttcgggaa	gacttcagga	tgCagaataa	atccgtcttt	attttgggCG	ccagcggaga	240
aaccggcaga	gtgctcttaa	aggaaatcct	ggagcagggc	ctgttttcca	aagtcacgct	300
cattggccgg	aggaagctca	ccttcgacga	ggaagcttat	aaaaatgtga	atcaagaagt	360
ggTggacttt	gaaaagttgg	atgactacgc	ctctgccttt	caaggtcatg	atgttgatt	420
ctgtgcctgg	gtacctn					437

<210> 445

<211> 592

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (592)

<223> n = A,T,C or G

<400> 445

actttttttt	tttttttttt	tttttttttt	taaggtttga	gggggaatgc	tgagattgt	60
aatgggtatg	gagacatatc	atataagtaa	tgctagggtg	agtggtagga	agttttttca	120
taggaggtgt	atganttggn	cgtagcggaa	tcgggggtat	gctgttcgaa	ttcataagaa	180
cagggaggtt	aaaagtaggg	tcttggtgac	aaaatatgtt	gtgtanagtt	caggggaaag	240
tgCgtcatat	gttgctccta	ggaanattgt	antggtgagg	gtgttaatta	taataatgtt	300
tgtgtattcg	gctatnaana	atagggccaa	atgggcctgc	ngcctattcn	atgtttaanc	360
tgagacttnt	tccgactccc	cttcggcaan	gtcnaantgg	ggttcggttg	ngcncctgcag	420
tgngggagata	nntcntntta	ntggccaatg	gtnnngatgg	ccagaataat	cannanggnt	480
tcnttntcn	tnaaaaggtc	naaatgggtt	angganaccn	cttattagga	attgttaatc	540
ttnaatgatn	gttntggnga	cnctatatgg	anaatgtnag	gnctactccn	ng	592

<210> 446

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (599)

<223> n = A,T,C or G

<400> 446

ggtacggcaa	acacaacgga	cctgagcact	ggcataagga	cttccccatt	gccaaaggag	60
agcgccagtc	ccctgttgac	atcgacactc	atacagccaa	gtatgaccct	tcctgaagc	120
ccctgtctgt	ttcctatgat	caagcaactt	ccctgaggat	cctcaacaat	ggcatgctt	180
tcaacgtgga	gtttgatgac	tctcaggaca	aagcagtgct	caagggagga	cccctggatg	240
gcacttacag	attgattcag	tttcactttc	actggggttc	acttgatgga	caaggttcat	300
agcataactgt	ggataaaaag	aaatatgctg	cagaacttca	cttgggtcac	tggaacacca	360
aatatgggga	ttttgggaaa	gctgtgcagc	aacctgatgg	actggccgtt	ctaggtattt	420

tttttgaagg	ttggcagcgc	taaacnnggc	cttnataaag	ttgttgaatg	tgctggattc	480
cattaaaaca	aagggcaaga	attgctgact	ttcactaatt	nnaatcctcg	tnggccttct	540
tcctgaaatc	cttggattac	cggacctncc	cagcttactn	accanccttc	tcttttngg	599

<210> 447
 <211> 588
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(588)
 <223> n = A,T,C or G

<400> 447

ggtacgcggg	atgagtgtgg	aatccagaac	aaattaagtg	ttgaccacag	cgacccagtc	60
atcctgaatg	tcctctatgg	cccagacgac	cccaccattt	ccccctcata	cacctattac	120
cgtccagggg	tgaacctcag	cctctcctgc	catgcagcct	ctaaccaccc	tgacacagtat	180
tcttggtgta	ttgatgggaa	catccagcaa	cacacacaag	agctctttat	ctccaacatc	240
actgagaaga	acagcggact	ctatacctgc	caggccaata	actcagccag	tggccacagc	300
aggactacag	tcaagacaat	cacagtctct	gcggagctgc	caagccctcc	atctccagca	360
acaactccaa	acccgtggag	gacaaggatg	ctgtggcctt	ccctgtgaac	ctgaggctca	420
gaacacaacc	tacctgtggg	gggtaaatgg	tcagagcctc	cagcagtcct	aaggctggag	480
ctgtccaatg	gcaacangga	cctnactcta	ttcaatgtca	caagaaatga	cncaagaacc	540
tatgnatgtg	gaatccagaa	ctnagtgtatg	caaaccgaat	gaccagnn		588

<210> 448
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 448

accatttgtc	tgacctctgt	aaaaaatgtg	atcctacaga	agtggagctg	gataatcaga	60
tagttactgc	tacccagagc	aatatctgtg	atgaagacag	tgctacagag	acctgctaca	120
cttatgacag	aaacaagtgc	tacacagctg	tggtcccact	cgtatatggt	ggtgagacca	180
aaatggtgga	aacagcctta	accccagatg	cctgctatcc	tgactaattt	aagtcattgc	240
tgactgcata	gctctttttc	ttgagaggct	ctccattttg	attcanaaag	ttagcatatt	300
tattaccaat	gaatttgaaa	ccagggcctt	tttttttttt	ttgggtgatg	taaaacncaa	360
ctnccctgnca	ncaaaataat	taaaatagnc	acattgntat	cttttattag	gtaattcact	420
tcttaattan	atggntcaat	actctaagna	tcaaaatntt	ccaattatna	tggtcacct	480
gaaagaagna	tgctctttta	aggaatacag	cttcttcnat	tnacaattta	acanggggag	540
aaaattaaan	tnaangantt	ganatctgga	ggngtannaa	ngntctcgcn	ttc	593

<210> 449
 <211> 577
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(577)
 <223> n = A,T,C or G

<400> 449
 actgtgggtc gaagtaatgg atacggacgt aaccatcttc gccgccgctg ctgtagctct 60
 tgccatcagg atggaaggca acactgttga taggtccaaa gtgacccttg actcttccaa 120
 actcttcttc aaaggccaaa tggagaacc tggcctcaaa cttgccaatc ctgggtggagg 180
 ttgtgggttac atccatggct tctgaccac cgcccaggac cacatgggtca tagttggggg 240
 agagggcagc tgagttgaca ggacgttctg tccggaaagt cttctgatgt tcaagagttg 300
 tggagtcaaa aagcttggct gtgttgtcct tggacncggc acaaacatgg tcatgtccct 360
 ggataactgg atgtcgttga tctgccggga gtgtcctta acattcacca acacctcttc 420
 anacttggca ctatactggg tgactctcca ctcttatggc cnggatgatg cactcccca 480
 aggggtncca aacagnactg gtgatttaga atcattgcan ggatcttatg tagggctcat 540
 tgntgcaatc tggcttggat ccgcagtcaa aaaagnt 577

<210> 450
 <211> 575
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 450
 ggtacttgtg atcacactac ggaatctct gtggtatata cctggggcca ttctaggctc 60
 tttcaagtga cttttgaaa tcaacctttt ttatttgggg gggaggatgg ggaaaagagc 120
 tgagagttta tgctgaaatg gatttataga atatttgtaa atctattttt agtgtttgtt 180
 cgttttttta actgttcatt cctttgtgca gagtgtatat ctctgcctgg gcaagagtgt 240
 ggaggtgccg aggtgtcttc attctctcgc acatttccac agcacctgct aagtttgtat 300
 ttaattggtt ttgtttttgt ttttgtttgt ttcttgaaaa tgagagaaga gccggagaga 360
 tgatttttat taattntnt ttttttttt tactatttat agctttaaaa agggcctncc 420
 ttccctctct ctttctttgg nctctttcat taacccttc ccagtttttt ttaacttaaa 480
 ccccgttctc atggcctngg ccttttgaag cgnttcctct tataaaaagc tttgccgaac 540
 aanttttttt taccgatccc aaatttatga agggg 575

<210> 451
 <211> 573
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(573)
 <223> n = A,T,C or G

<400> 451
 actaggctaa ctagaaggat ctcaccccca tatgtggtct catttcaagt ctatggatga 60
 ctaccttcat tgctgtgtgc gagatgggtt cacccttga aaatatggct acttcagcat 120
 aaaatagtta aatctttata atgatcaatt catcctacct ccttttacat gcagctgaaa 180

aatgacaggc	tagggacata	gaatattgtg	aactttatac	tgttagaatc	actgtccatt	240
aaatgatcac	tagctaattg	tcactaaatt	tacaaattaa	ggaaattata	tatagaatac	300
tgcaaaaaca	cagtaaaaag	actgaagtcc	gcccatttct	gctcaggaag	tctcttcact	360
cctaagcttc	atattgttgc	ttctggcttc	aaaattctgc	tattattact	gttttcctcc	420
tttgatcttc	ctttgggtccc	cagtgccaga	cttccaagcc	ttttngttaa	aaagccatct	480
tttgatgcc	atttcnaaca	gcttcagtga	tgcctctgaa	aaaaggatct	gccggctaen	540
atttctcngg	ttcgtgcttt	ctaccgganc	tcc			573

<210> 452
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 452						
acaattttat	ccctaaaact	ctgttgacat	caaaatatga	cagttgctat	atccataaaa	60
tatttacata	gcacggcata	ttaagcttta	gacacttggc	aattaaacca	cataaaaaga	120
ggacaagacc	cccatcctac	atgtttggaa	tcaggtgttc	accggtccct	atctggcgac	180
tgtacgcggg	tggggtcctt	acttgtattc	tgttatcagc	tgattttgaa	acataataa	240
atgattttct	tgttccttcc	tttaactagc	tgcctttaga	ttttgataat	cacagtctta	300
aaataactagg	aaagaagtgg	atgggaattg	taggcataga	tttcatatca	agggcatttc	360
aagacagaat	ttttaattcc	tgtagttagc	ttgctggagc	naaaggaaaa	tgtgctgggt	420
aaaaatcaac	ttatgccatt	ttaaaatttg	ataaaatttg	gagtggcatn	ctgctaaggg	480
gagaccttgg	gccggacccc	cttangggca	aattccngca	cactgggggg	cggtactang	540
gggatccgac	ntcggnccan	acttggcgna	tcatgggctt	antgttcctt	gnngn	595

<210> 453
 <211> 380
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(380)
 <223> n = A,T,C or G

<400> 453						
ggtacgcggg	gagccgcctg	gataccgcag	ctaggaataa	tggaaatagga	ccgcgggttct	60
attttgttgg	ttttcggaac	tgaggccatg	attaagaggg	acggccgggg	gcattcgtat	120
tgcgccgcta	gaggtgaaat	tcttggaccg	gcgcaagacg	gaccagagcg	aaagcatttg	180
ccaagaatgt	tttcattaat	caagaacgaa	agtcggaggt	tcgaagacga	tcagataccg	240
tcgtagttcc	gaccataaac	gatgccgacc	ggcgatgcgg	cggcggttatt	cccatgaccc	300
gccgggcagc	ttccgggaaa	ccaaagtctt	tgggttcceg	ggggagtatg	gttgcaaaaa	360
aaaaaannaa	aaaaaaaaag					380

<210> 454
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 454

ggtactcttg	gtttatcaat	gggacgttcc	agcaatccac	acaagagctc	tttatcccca	60
acatcactgt	gaataatagc	ggatcctata	tgtgcccaagc	ccataactca	gccactggcc	120
tcaataggac	cacagtcacg	atgatcacag	tctctggaag	tgctcctgtc	ctctcagctg	180
tggccaccgt	cggcatcacg	attggagtgc	tggccagggt	ggctctgata	tagcagccct	240
ggtgtatttt	cgatatttca	ggaagactgg	cagattggac	cagaccctga	attcttctag	300
ctcctccaat	cccattttat	cccatggaac	cactaaaaac	aaggtctgct	ctgctcctga	360
agccctatat	gctggagatg	gacaactcaa	tgaaaattta	aagggaacac	cctcaggcct	420
gangtgtgtg	ccactcagag	acttcaccta	actagagaca	gtcaaactgc	aaccatgggt	480
gagaaattga	cgacttcaca	ctatggacag	cttttnccaa	gatgtcaaac	aagactcctc	540
atcatgataa	ggntcttacc	cctttaattg	nccttggtat	gcctgcctc		589

<210> 455
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 455

ggtacgcgga	agagacaggg	tttcaccatg	ttgccaggcc	tggtttcgaa	ctcctgacct	60
caggtgatcc	accgcctcg	gcctcccaaa	gtgctgggat	tacaggcttg	agccccgcg	120
cccagccatc	aaaatgcttt	ttatttctgc	atatgttgaa	tactttttac	aattcaaaaa	180
aatgatctgt	tttgaaggca	aaattgcaaa	tcttgaaatt	aagaaggcaa	aaatgtaaag	240
gagtcaaaac	tataaatcaa	gtatttgga	agtgaagact	ggaagcta	ttgcattaaa	300
ttcacaaact	tttatactct	ttctgtatat	acattttttt	tctttaaaaa	acaactatgg	360
atcagaatag	ccacatttag	aacacttttt	gttatcaagt	caatattttt	agatagttag	420
aacctgggtc	taagcctaaa	agtgggcttg	attctgcagt	aaatcnttta	caactgcctc	480
gacacacatt	aaccttttta	aaaatngacc	ttcccgaagt	cttttggtag	catggnacac	540
ctgatgctta	natgttcang	taattaatat	ggnccagnag	tnttgttnc		589

<210> 456
 <211> 582
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(582)
 <223> n = A,T,C or G

<400> 456

acagaatggt	gatacaaagc	ttaaaattct	tgcatatggt	catagaaaat	gcatctttgg	60
ttttgtgttt	ttatcacttg	cttccaactt	aggcttttgg	ctcagaagat	tattgaataa	120

tgatttgtct	tagtttctgc	ttcagtaagg	gaattctgag	gccgttgcta	tgataccatc	180
attaagacat	tcacatgtct	tcatataata	tctcttcatt	tcaaataccta	atcactatct	240
catactatta	cagggcctttg	atgctgccag	cactgtcttt	tacataggaa	attctagatt	300
tgcacagtaa	tagaggaatt	agaagtacct	aactatacac	tttgattcag	cctgctaaat	360
caggggttca	atactagctt	ggacaaactt	tgtaagtaat	taattgctac	cagccttatt	420
ggaaacaaat	tatcaactag	tttccctgc	caaattttga	aattcactgn	ttcacttaat	480
ctattatatt	actaataatg	gattaataaa	gatgaattaa	ttattattac	ttactagtnt	540
aatgaaaaa	cagggactga	aatagtctgn	atccgngttg	ca		582

<210> 457
 <211> 380
 <212> DNA
 <213> Homo sapiens

<400> 457						
ggtaacttttt	tttttttttt	tttttggagt	ttttagttta	ttaatgttct	tgcgaaaaat	60
ccacagtggc	cacagctaac	atcattgcag	cacctttact	ccttcggctg	tgatccaatc	120
tccagctcac	ttctttttgc	cagcaccaac	attggccttt	gcagtcccc	tgactttctt	180
cattctgttc	ttgcgttctt	ttcgttgctt	tcttgaggtc	tttttcttct	catacaggcc	240
atgtcttgca	agtctatgtt	tgggttcatt	tttctttgca	taatccaggg	aatcataaat	300
catgccaaag	ccagttgtct	tgccaccacc	aaaatgagtt	ctgaatccaa	atacaaagat	360
gacatccggt	gtggtcttgt					380

<210> 458
 <211> 382
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(382)
 <223> n = A,T,C or G

<400> 458						
acgcggggag	aacagccacc	cctctctcgg	gcactgctgc	catgaatgcc	ttcctgctct	60
ccgcactgtg	cctccttggg	gcctgggccc	ccttggcagg	aggggtcacc	gtgcaggatg	120
gaaatttctc	cttttctctg	gagtcagtga	agaagctcaa	agacctccag	gagccccagg	180
agcccagggt	tgggaaactc	aggaactttg	cacccatccc	tgggtgaacct	gtggttccca	240
tcctctgtag	caaccggaac	tttccagaag	aactcaagcc	tctctgcaag	gagcccaatg	300
cccaggagat	acttcagagg	ctggaggaaa	tcgctgagga	cccgggcaca	tgtgaaatct	360
gtgcctacgc	tgctgttacc	tn				382

<210> 459
 <211> 592
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(592)
 <223> n = A,T,C or G

<400> 459

ggtactgagg	aaatattttg	taaagtgagc	tttgggtata	acttagcccc	atcattatatt	60
agagaataga	ggaggaagaa	agaggaagga	ttttaaaggc	agacaatgac	agaccattca	120
ggataggtag	ggtttttaaag	ggagataaac	acagtctcat	caactaagga	gagatttgct	180
gcagtaaata	ggatgaggga	aatagttctgt	gggatgcaag	caaaggaagc	aggggtgcctt	240
agacactgag	tggagccaga	aagatcatgc	ggcctttttc	caagtacatg	gccaccaagt	300
aagaatggtt	ggtgacaaga	cagaaggcta	aaacaggaag	gtaatcttgt	gcacctgaca	360
aatngaaaga	attaaggatc	aaaattgaag	caggctntaa	gagtttcaag	aaattcttaa	420
aacccaaaag	tgatttgga	gccccaaact	ttccggtaat	gctncccatg	gcatgatggg	480
ccaaaacctt	gggggttcct	aagttnnaaa	agccctntnc	caaattttta	tggacccctt	540
acattttttc	taatcaatcc	cccctttcca	aaaaaatngg	acctcntttt	tt	592

<210> 460
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (578)
 <223> n = A,T,C or G

<400> 460						
acgcgggac	tatctgaat	tatgtgcttg	tctagataag	cagagacccat	gccaaagcta	60
taatggaaaa	caagtttaca	aagagacctg	tatttctttc	ataaaagact	tcttggcaaa	120
aaatttgatt	atagttattg	gaatagcatt	tggactggca	gttattgaga	tactgggttt	180
gggtgtttct	atggctctgt	attgccagat	cgggaacaaa	tgaatctgtg	gatgcacaa	240
gctatcgta	gtcaaaccct	tttaaaatgt	tgttttggct	ttgtaaattt	aaatatgtaa	300
gtgctatata	agtcaggagc	agctgtcttt	ttaaaatgtc	tgggctagct	agaccacaga	360
tatcttctag	acatattgaa	cacatttaag	atttgaggga	tataaggga	aatgatatga	420
atgtgtattt	ttactcaaaa	taaaagtaac	tggtacgttg	cgaaaaaaan	nnnnnnnnnn	480
naaaaaaaag	tnccttgggc	cgggaccacg	ctaggggcaa	tccagcacac	tggcggccgt	540
actagggatc	cactnggacc	agctggcgna	atatggnn			578

<210> 461
 <211> 425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (425)
 <223> n = A,T,C or G

<400> 461						
acgcggggct	ttctggtctc	ggccgcagaa	gcgagatgac	gaagggaacg	tcctcggtttg	60
gaaagcgctg	caataagacg	cacacgttgt	gccgccgctg	tggctctaag	gcctaccacc	120
ttcagaagtc	gacctgtggc	aaatgtggct	accctgccaa	gcgcaagaga	aagtataact	180
ggagtgccaa	ggctaaaaga	cgaaatacca	ccggaactgg	tcgaatgagg	cacctaaaaa	240
ttgtataccg	cagattcagg	catggattcc	gtgaagggaac	aacacctaaa	cccaagaggg	300
cagctgtttg	agcatccagt	tcattcttaag	aatgtcaacg	attagtcatg	caataaatgt	360
tctgggtttt	aaaaatnnan	nnnaannntn	ntnnaaaana	aaaaagtnct	nggccngnac	420
cacgc						425

<210> 462
 <211> 581
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(581)
 <223> n = A,T,C or G

<400> 462

ggtactattg	accacgcgat	gggggcttcg	acatgggctt	tagggagtc	taagtggagt	60
ccgtaaagag	gtatctttac	tataaaagct	attgtgtaag	ctagtcatat	taagttgttg	120
gctcaggagt	ttgatagttc	ttgggcagtg	agagtgagta	gtagaatggt	tagtgagcct	180
aggggtgttg	gagtgtaaat	tagtgcgatg	agtaggggaa	gggagcctac	taggggtgag	240
aataggaagt	atgtgcctgc	gttcaggcgt	tctggctggt	tgcctcatcg	ggtgatgata	300
gccaagggtg	ggataagtgt	ggtttcgaag	aagatataaa	atatgattag	ttctgtggct	360
gtgaatgtta	taattaagga	gatttgtaag	ggagattagt	atanagaggt	anagtttttt	420
tcgtgatagt	ggntcactgg	ataantggcc	gttggctttg	ccatgattgt	gaggggtagg	480
agtcaagtag	ttagtattan	ganggggggt	nttaggggtc	cnaggaaang	ttgggggaana	540
ctaaannggt	gtngtnattn	gtaaaaaata	nnnnanggat	n		581

<210> 463
 <211> 574
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(574)
 <223> n = A,T,C or G

<400> 463

actgtgtggc	gccttattct	aggcacttgt	tgggcagaat	gtcacacctg	ccgatgaaac	60
tcctgcgtaa	gaagatcgag	aagcggaacc	tcaaattgcy	gcagcggaac	ctaaagtttc	120
agggggcctc	aaatctgacc	ctatcggaac	ctcaaatggy	agatgtatct	gaagaaacaa	180
tgggaagtag	aaagggttaa	aaatcaaaac	aaaagcccat	gaatgtgggc	ttatcagaaa	240
ctcaaatggg	aggcatgtct	caagaagcag	tgggaaatat	aaaagttaca	aagtctcccc	300
agaaatccac	tgtattaagc	aatgggagaag	cagcaatgca	gtcttccaat	tcagaaccaa	360
aaaaaaaaaa	naaaaaaaaa	tacttttttt	ttttnnnnnt	tttttttttt	taggtaatgg	420
gtgttgagct	tgaacgcttt	cttaattggn	ggctgctttt	angcctctat	gggtgttaaa	480
ttttttactc	tcttacaagg	tttttcctaa	gtccaaanac	tgtccttttg	gctacagtta	540
aatttccagg	ggattaaagg	gttttgggcn	aatt			574

<210> 464
 <211> 580
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(580)
 <223> n = A,T,C or G

<400> 464

ggtacctagt	aagctctccc	tcctcccacc	ctccaccctc	aaggaggccc	cagtgtcagt	60
tggtccccc	tgggtccatg	agttcttata	atthagctcc	cacttataag	caagaacatg	120
cagtatttgg	ttttctgttc	ctgccttagt	ttgctaagga	taacggcctc	cagctccatc	180
cagttcctgc	aaaggacatg	atcctgttct	ttctatggct	gtatagtatt	ccatggtgta	240
tatttaccac	attgtcttta	tccagtctgt	cattgatggg	cttttgggtt	gattagtagc	300
tttttgaatg	gtaacttttc	tacagaagta	cgcggggctt	ttttttttgc	tgtaggcccg	360
ggtggttgct	gccgaaatgg	gcangttcat	gaaacctggg	aagggtggtgc	ttgtcctgct	420
ggacgctact	ncggacgcaa	agctgtcatc	gtgaaagaac	attgatgatg	gcaccttana	480
cgccttacag	ccatgctctg	gtggctggaa	ttgaccgcta	cncccgaaag	tgacagctgn	540
catgggcaag	aagaagatcg	ccagagatca	aagataaaan			580

<210> 465

<211> 578

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(578)

<223> n = A,T,C or G

<400> 465

ggtacttttt	tttttttttt	tttttttttt	ttctacatca	ctttanaata	tttattgtat	60
tccttaatgc	atttcttaac	atgtatagca	ctctttaatc	aagaatataa	agtcactctac	120
ttagaatcac	attatcttaa	agatgcatac	tggaaatgata	agtttgaaga	tgtaactatc	180
aacaattctt	ttcaaaatca	tatcaatata	ttactctcat	ggaacttgca	cattctaaga	240
agggtcattt	tttcccccca	gtaccaatat	tacattattt	gacagggata	ataaaatgag	300
cagagactgg	aatcacaga	caataacatt	gctttctcaa	ttaacagaaa	ggattcataa	360
catattcctt	aacggtagat	gtgatttgta	gagaatgtgg	aaaagaacta	ttgagaagtc	420
cacctgctgc	ccaaactgag	gcacattagg	gtggttgtgg	gangagttat	atttgagggt	480
ccatttttcc	ttagggttta	aaagcatgtc	cnggttgng	gtnatttgcc	attaagtctn	540
ttttcaaata	aaagaattag	gggagaaagt	ttggaaaa			578

<210> 466

<211> 546

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(546)

<223> n = A,T,C or G

<400> 466

accaatacca	ccaattttgt	agacatcctg	gagaggcagg	cgcaagggct	tgtcagttgg	60
acgagttggt	ggtaggatgc	agtccagagc	ctcaagcagc	gtggttccac	tggcattgcc	120
atccttacgg	gtgactttcc	atcccttgaa	ccaaggcatg	ttagcacttg	gctccagcat	180
gttgtcacca	ttccaaccag	aaattggcac	aatgctact	gtgtcggggt	tgtagccaat	240
tttcttaatg	taagtgtctga	cttccctaac	aatttccctca	tatctcttct	ggctgtaggg	300
tggtcagtg	gaatccattt	tgtaaacacc	gacaattagt	tgtttcacac	ccagtgtgta	360
agccagaang	gcatgctctc	gggtctgccc	attcttgagg	ataccagctt	caaattcacc	420

aacaccagca	gcaacaatca	ggacagnaca	gtcggnctga	gatgtccctg	taatcatgtt	480
ttgataaaag	tctctgtgtc	ctggggcctc	aatgatagtc	acatagtacc	tcggccgcga	540
ncacgc						546

<210> 467
 <211> 445
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(445)
 <223> n = A,T,C or G

<400> 467						
acctaaaacc	cgaagaacct	tctgtaagaa	gtgtggcaag	catcagcctc	acaaagtgc	60
acagtataag	aagggaagc	attctttgta	tgcccaggga	aggaggcgct	atgatcggaa	120
gcagagtggc	tatgggtggc	agacaaagcc	aattttccgg	aagaaggcta	agaccacaaa	180
gaagattgtg	ctaaggctgg	aatgtgttga	gcctaactgc	agatccaaga	ggatgctggc	240
tattaagaga	tgcaagcatt	ttgaactggg	aggagataag	aagagaaagg	gccaagtgat	300
ccagttctaa	actttgggat	atTTTTcttc	aattttgaag	agaaaatggg	gaaccataga	360
aaagttaccc	gagggaaaat	aaatacagtg	atattccaaa	aaaaaaaaann	nnnnnaaaaa	420
aaagtncttg	gccgggaccc	cctaa				445

<210> 468
 <211> 566
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(566)
 <223> n = A,T,C or G

<400> 468						
actgtgtggc	gccttattct	aggcacttgt	tgggcagaat	gtcacacctg	ccgatgaaac	60
tcctgcgtaa	gaagatcgag	aagcgggaacc	tcaaattgcg	gcagcgggaac	ctaaagtttc	120
agggggcctc	aaatctgacc	ctatcggaaa	ctcaaaatgg	agatgtatct	gaagaaacaa	180
tgggaagtag	aaagggttaa	aaatcaaaac	aaaagcccat	gaatgtgggc	ttatcagaaa	240
ctcaaaatgg	aggcatgtct	caagaagcag	tgggaaatat	aaaagttaca	aagtctcccc	300
agaaatccac	tgtattaagc	aatgggagaag	cagcaatgca	gtcttccaat	tcagaaccaa	360
aaaaaaaaaa	nnaaaaaaaa	tacttttttt	tntnnnnnnn	tttttttttag	gaatgggtgt	420
tgaacttgac	ctttcttaat	gggggctggg	tttaggctat	atggngtaaa	tttttctctt	480
ttacaagggt	tttcttagng	ncaaaaactg	tcctttggac	taccgtaaat	tacaggggtt	540
taaaggttnt	ggggcaatta	aanttn				566

<210> 469
 <211> 586
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature

<222> (1) ... (586)

<223> n = A,T,C or G

<400> 469

acgcgggata	ggtttggtcc	tagcctttct	attagctctt	agtaagatta	cacatgcaag	60
catccccgtt	ccagtgaagt	caccctctaa	atcaccacga	tcaaaaggga	caagcatcaa	120
gcacgcagca	atgcagctca	aaacgcttag	cctagccaca	ccccacggg	aaacagcagt	180
gattaacctt	tagcaataaa	cgaaagttaa	actaagctat	actaacccca	gggttggtca	240
atttcgtgcc	agccaccgag	gtcacacgat	taacccaagt	caatagaagc	cggcgtaaag	300
agtgttttag	atcacccctt	cccccaataaa	gctaaaactc	acctgagttg	taaaaaactc	360
cagttgacac	aaaatagact	acgaaagtgg	ctttaacata	tctgaacaca	caatagctaa	420
gacccaaact	gggattagat	accccactat	gcttagccct	aaacctnaca	gttaaataca	480
caaaactgct	cgccagacac	tgcagccaca	gcttaaaaact	caaggacctg	cgggcttcat	540
atccctctag	angacctgtc	tgtaatcgat	aacccccgatc	aacctn		586

<210> 470

<211> 487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (487)

<223> n = A,T,C or G

<400> 470

acggccaggg	ctattggttg	aatgagtagg	ctgatggttt	cgataataac	tagtatgggg	60
ataaggggtg	taggtgtgcc	ttgtggtaag	aagtgggcta	gggcattttt	aatcttagag	120
cgaaagccta	taatcactgc	gcccgcctcat	aaggggatgg	ccatggctag	gtttatagat	180
agttgggtgg	ttggtgtaaa	tgagtgaggg	aggagtccga	ggaggttagt	tgtggcaata	240
aaaatgatta	aggatactag	tataagagat	cagggttcgtc	ctttagtgtt	gtgtatggtt	300
atcatttggt	ttgaggttag	tttgattagt	cattgttggg	tggtgattaa	tengttgntg	360
atgaaatatt	tggaggtggg	gatcaatana	gggggaaata	gaatgatcag	tacctcgccc	420
gcgaccacgc	taagggccaa	tccacacact	ggcggnctga	ctaattggatc	ccaactcggg	480
ccagctt						487

<210> 471

<211> 488

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (488)

<223> n = A,T,C or G

<400> 471

actgcggcgg	gtaggcctag	gattgtgggg	gcaatgaatg	aagcgaacag	attttcgttc	60
attttggttc	tcagggtttg	ttataatttt	ttatttttat	gggctttggt	gagggaggta	120
ggtggttagt	tgtgtttaat	attttttagt	gggtgatgag	gaatagtgtg	aggagtatgg	180
gggtaattat	ggtgggccat	acggtagtat	ttagttgggg	cattccccgc	tacctatttg	240
tatttttggt	agagacaggg	ttttgccatg	ttggccagga	tggtcttgaa	ctactgacct	300
caggtgatcc	tcacgccttt	atctcccaaa	gtgctgcgat	tacaggcatg	aggcaccact	360

cctggccaca	ttcttatatt	taaaaaaaaa	gcacaactct	attgtctact	ggtgttcttt	420
tacctgaagt	tcaaactcta	gctcttcaaa	aaaaaaaaaa	aaaaaaagta	cctnggccgc	480
naccacnc						488

<210> 472
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 472						
ggtacttgat	gccctccaag	caattaaaac	caagggcaaa	cgagccccat	tcacaaattt	60
tgaccctct	actctccttc	cttcatecct	ggatttctgg	acctaccctg	gctctctgac	120
tcacctcct	ctttatgaga	gtgtaacttg	gatcatctgt	aaggagagca	tcagtgtcag	180
ctcagagcag	ctggcacaat	tcagcagcct	tctatcaaat	ggtgaagggtg	ataacgctgt	240
ccccatgcag	cacaacaacc	gcccaccca	acctctgaag	ggcagaacag	tgagagcttc	300
atthttgatga	ttctgagaag	aaacttgtcc	ttcctcaaga	acacagccct	gcttctgaca	360
taatccagta	aaataataat	ttttaagaaa	taaattttatt	tcaatattag	caaagacagc	420
atgccttcaa	atcaatctgt	aaaactaaga	aactttaaatt	ttagttctta	ctgcttaatc	480
aaataataat	tagtaagcta	gcaaatagta	atctgtaagc	ataagcttat	gcttaaatca	540
gtttagtttg	aggaatcttt	aaaattacca	ctaantgatt	gnatgg		586

<210> 473
 <211> 575
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(575)
 <223> n = A,T,C or G

<400> 473						
ggtacaaagg	ggaaaggggtg	catgccaaact	atcgaattat	aggatatgta	aaaaatataa	60
gtcaagaaaa	tgccccaggg	cccgcacaca	acggctcgaga	gacaatatac	cccaatggaa	120
ccctgctgat	ccagaacgctc	acccacaatg	acgcaggaat	ctatacccta	cacgttataa	180
aagaaaatct	tgtgaatgaa	gaagtaacca	gacaattcta	cgtattctcg	gagccaccca	240
agccctccat	caccagcaac	aacttcaatc	cggtggagaa	caaagatatt	gtggttttaa	300
cctgtcaacc	tgagactcag	aacacaacct	acctgtgggtg	ggtaaacaat	cagagcctcc	360
tggtcagtcc	caggctgctg	ctctccactg	acaacaggac	cctcgttcta	ctcacgcca	420
aagaatgaca	taggacccta	tgaatgtgaa	atacagaacc	cagtgggtgc	cacccgcant	480
gcccantcac	cctgaatgtc	cgatgagtc	aatcctgccg	gcggccgttc	naanggcgaa	540
ttccacacac	tggcgggcgt	ctaattggatc	cactc			575

<210> 474
 <211> 515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 474

ggtacgtggg	ggactcaact	gaaatcatgg	cgtttgacag	cacttggaag	gtagaccgga	60
gtgaaaacta	tgacaagttc	atggaaaaaa	tgggtgttaa	tatagtgaaa	aggaagcttg	120
cagctcatga	caatttgaag	ctgacaatta	cacaagaagg	aaataaattc	acagtcaaag	180
aatcaagcgc	ttttcgaaac	attgaagttg	tttttgaact	tgggtgtcacc	tttaattaca	240
acctagcaga	cgggaactgaa	ctcaggggga	cctggagcct	tgagggaaat	aaacttattg	300
gaaaattcaa	acggacagac	aatggaaacg	aactgaatac	tgtccgagaa	attataggtg	360
atgaactagt	ccagacttat	gtgtatgaag	gagtagaagc	caaaaggatc	tttaaaaagg	420
attgaccatt	attcttggcg	cacagtccaa	aatncaaatt	ggccagaaga	tctatattgn	480
acctgcccgg	gcggccgttc	gaaaggccaa	ttcca			515

<210> 475

<211> 580

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(580)

<223> n = A,T,C or G

<400> 475

acaaagatct	gacatgtcac	ccagggaccc	atttcaccca	ctgctctggt	tggccgccag	60
tcttttgtct	ctctcttcag	caatggtgag	gcggataccc	tttcctcggg	gaagagaaat	120
ccatggtttg	ttgcccttgc	caataacaaa	aatgttgga	agtcgagtgg	caaagctggt	180
gccattggca	tctttcacgt	gaaccacgtc	aaaagatcca	gggtgcctct	ctctgttggt	240
gatcacacca	attcttctca	ggttagcacc	tccagtcacc	atacacaggt	taccagtgtc	300
gaacttgatg	aaatcagtaa	tcttgccagt	ctctaaatca	atctgaatgg	tatcattcac	360
cttgatgagg	ggatcggggg	agcggatggg	gcgggcatca	tgagtcacca	gatgagggat	420
tcctttttgtg	ccccaaagat	ctttctnact	ttgacaactt	gaccttggn	gcgaccaccc	480
taaggcgaat	tcacccactg	gcggccgtct	aatggatccn	nctcggncca	acctggntat	540
atggcntaan	tnntccnggn	naaatntntc	ccncaatcc			580

<210> 476

<211> 593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(593)

<223> n = A,T,C or G

<400> 476

ggtactatgt	gggacagtat	tttgcaaata	caagaagagc	tcagggcagc	tgtggagctg	60
gatgggtctgc	ctggcaggcc	tctgtgcagt	ctgcctgtct	atcctgtccc	ctttttgggg	120
cttgatcctc	ttctcgggtg	catgcttcct	catgtatact	tacttatctg	gccaaagaatt	180
gttacctgtg	gatcagaagg	cagtcctggg	gacaggtgtg	attgcgggct	tggccatgct	240

ttgtgcaagt	atctggatga	gctgggcttc	acgggtatttg	ccggagtttt	gaatgaaaat	300
ggcccaggag	ctgaggaatt	gcgaagaacc	tgctctccgc	gcctctcggt	gctccaaatg	360
gacatcacga	accagtgcag	ataaaaagatg	cttacagcaa	ggttgcaaca	atgctgcagg	420
acaaaagact	gtgggctgtg	atcaacaatg	ctnggggtgct	tggtttttcc	actgatgggg	480
agcttnttnt	tatgatgact	acnaacaatc	ntggccgnga	acttttttga	actgngaggg	540
acaaaacggt	tttccttttt	taaaaaanc	aagggnggtg	gnnaattncn	nnt	593

<210> 477
 <211> 595
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(595)
 <223> n = A,T,C or G

<400> 477

actacaaggt	ttagcatttg	ctctgctggg	cgacattccc	ccagtctatg	ggttgtatgc	60
atcctttttc	ccagccataa	tctacctttt	cttcggcact	tccagacaca	tatccgtggg	120
tccgtttccg	attctgagta	tgatgggtggg	actagcagtt	tcaggagcag	tttcaaaagc	180
agtcccagat	cgcaatgcaa	ctactttggg	attgcctaac	aactcgaata	attcttcact	240
actggatgac	gagagggtga	gggtggcggc	ggcggcatca	gtcacagtgc	tttctggaat	300
catccagttg	gcttttggga	ttctgcggat	tggatttgta	gtgatatacc	tgtctgagtc	360
cctcatcagt	ggcttcaacta	ctgctgctgc	tgttcatggt	tttggnnttc	caactcaaat	420
tcattttttca	agtgacagtc	ccgtcacaca	ctgatncagt	ttnaatttta	aaagtacctc	480
ggcgcgcanc	accctaaggc	gaatttnaac	ccactngcgg	ccgttctant	ggatccaact	540
ngnnncaaac	ttngngaata	ngggcataac	ngntcctggg	gaaatnnttc	ccnct	595

<210> 478
 <211> 420
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(420)
 <223> n = A,T,C or G

<400> 478

ggtacacagt	atgtataaca	atgcatacta	tggtgtggag	ttaattccaa	ttaccatatt	60
ttatatattat	tggtcacaa	agcatacatt	ttatgctcca	aaatacatgg	atctgacaaa	120
atggttacat	ttaatgttct	tttaaagaaa	gatgaactaa	atttaagaag	aattgggttt	180
tcctaataatc	tcatttttcaa	attactgata	caaatttgcc	agagaaacaa	ttacatgttt	240
tacctaacat	caaataatct	ccagtttcta	agacagatgc	atttcttggt	caatttccaa	300
aagtaaataa	aggcttttcta	actgaaaaca	tttgcattcc	tagctctcta	aagtaattaa	360
aaagaaaatt	acaaaaaatg	acctctaagc	ttctgaacag	cccacttant	tacataaagt	420

<210> 479
 <211> 602
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(602)
 <223> n = A,T,C or G

<400> 479
 ggtacctagt cagatggttag acgagctgtc tgctgccgca ggagcacctc tatacaggac 60
 ttagaagtag tatgttattc ctggttaagc aggcattgct ttgccctgga gcagctattt 120
 taagccatct cagattctgt ctaaagggtt tttttgggaa gacgttttct ttatcgccct 180
 gagaagatct accccagggg gaatctgaga catcttgccct actttttcttt attagctttc 240
 tcctcatcca tttcttttat accttttcctt tttggggagt tgttatgccca tgattttttgg 300
 tatttatgta aaaggattat tactaattct atttctctat gtttattcta gttaaggaaa 360
 tgttgagggc aagccaccaa attacctang ctgagggttag agagattggc cagcaaaaaac 420
 tgtgggaaga tgaactttgt cattatgatt tcattatcac atgattatag aaggctgtct 480
 taatgcaaaa aacatactta catttnanac atattccaan gggatctcnc attttgtaaa 540
 aagttgacta ttactggagt aaaccctggt ttccttaant ttaacttttt ttgggaaatt 600
 at 602

<210> 480
 <211> 600
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(600)
 <223> n = A,T,C or G

<400> 480
 ggtacttttt tttttttttt tttttttttc ggtttgaggg ggaatgctgg anattgtaat 60
 ggggtatggan acatgtcata taagtaatgc tagggtgagt ggtaggaagt tttttcatag 120
 gaggtgtatg agttggctcg agcggaatcg ggggtatgct gttcgaattc ataaaaacag 180
 ggaggttana agtagggtct tggtgacaaa atatgttgtg taaagtccag ggganagtgc 240
 gtcatatgtt gttcctagga aaattgtagt ggtgaggggtg tttattataa taatgtttgt 300
 gtattcggct atgaaaaata gggcgaaggg gcctgcggcg tattccatgt tgaagcctga 360
 gactagtctg gactccccct cggcaagggtc caaagggggt cgggttggtc tcttctagtg 420
 tggagataaa tcatattatg gccnaggggtc atgatggcag gagtaatcaa aggggtcntt 480
 tgttttgaaa aagggnnggan aggttaaagg ancccccttt tataatgggtg atantaaaaa 540
 gatgcttggg ggactcnttt aaaatgttgg ctcttcttcc angcnccac aggcgtattt 600

<210> 481
 <211> 594
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(594)
 <223> n = A,T,C or G

<400> 481
 cgaggtacgg ccagggtctat tgggtgaatg agtaggctga tggtttcgat aataactagt 60
 atggggataa ggggtgtagg tgtgccttgt ggtaagaagt gggctagggc atttttaatc 120

ttagagcgaa	agcctataat	cactgcgccc	gctcataagg	ggatggccat	ggctaggttt	180
atagatagtt	gggtggttgg	tgtaaatgag	tgaggcagga	gtccgaggag	gtagtttgtg	240
gcaataaaaa	tgattaagga	tactagtata	agagatcagg	ttcgtccttt	agtgttgngt	300
atggttatca	tttgttttga	ggttagtttg	attagtcatt	gttgggtggg	gattantccg	360
ttgttgatga	gatatttgga	ggtgggggatc	aatagagggg	gaaatagaat	gatcagtacc	420
tgcccnngcg	gncgctcgaa	anggcgaatt	ccaccacact	ggcgggcgnt	ctaattggatn	480
cgaccnngtc	ccaacttgcg	taatcatggc	atacttggtt	ctgggtgaaat	ggtatccctc	540
acaattccca	cacatacaac	ccgaacctaa	atgtaaanct	gggggcctat	natn	594

<210> 482
 <211> 600
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (600)
 <223> n = A,T,C or G

<400> 482

accatgaaat	acatatattt	cataaggttc	agttacaaaa	tggattgttt	caaattggcaa	60
tttcttacac	taacctgatt	atgaaaaaaa	gaagtctgta	tcactctgctt	ccaagtctgt	120
tatgtccaaa	tatattttaa	ttatgcattt	attttgctac	ttttataaat	attagagatt	180
tcaccttaaa	ttatttttgt	aactagttct	agaacatggt	ttccaattat	tatttttcta	240
atggagacat	ataattgacc	tatgtttatg	catatatggt	ctctacacag	tgaaactttt	300
tttaaaaaga	atagtaaaga	aaatgcggaa	gctctggctc	tccaaggcaa	agtcaaaaaa	360
aaaaaaaaag	cgggggggaa	tgcgaggaac	attttattac	acctnctgat	tttctcctt	420
gagntttatt	ttctcccctt	ggntatttgt	taatgctaga	aactgnattc	ctaanaaagc	480
atacctcttt	caggngagcn	tgataattgg	gaanaatttt	gttccttttag	tntgaacatt	540
ttattaagaa	gngattccta	ataaaganac	aangggctnt	ttaattnttt	gggggnngga	600

<210> 483
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (605)
 <223> n = A,T,C or G

<400> 483

acagaacatc	gtcagcacta	gcacagttta	cagaacctca	cagacccaaa	ggaacatcaa	60
taggcaaagc	gactacagga	ggcgtgtgtc	cgcgtgggcg	aggtaaagag	ggtcagtatt	120
ggtcaagtga	cagtgtcggt	aatctggcaa	gacagtgatg	ttaagaaggt	tcatagttta	180
agaattatct	aaaatathtt	aaaaactata	aagctgcaac	acatgatttt	tacacctagt	240
tactagaaaa	ctaaggaaag	cacttattag	ctctgaataa	agtaacatgg	aaagcacttt	300
tactaatcga	caaaaaaacc	ttctaattgca	ttatcagaaa	gattttataa	tacaaggagg	360
catattgctc	agtcagaagg	ggttctataa	gaaaagcact	tactaagtta	gcgactaaca	420
gaacaaccng	tttaaagatg	aattaaatgc	cccatttggg	gangcatggc	aggtgttaag	480
anaaangaaa	agcntaagaa	aacatttnct	ggttatanca	aacctttntt	tnttatctac	540
tgnatttgac	aaaaattaac	cnthtaaggt	tttaccngg	cacttnnttc	nttgtcctcg	600
gcccc						605

<210> 484
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 484

ggtacgcggg	tggggagacc	ctggggtagc	agccactgac	ctcacacctg	gaggaagctg	60
tgtgaccgat	tcatgagctt	atgcctgaag	acagagcaag	cactccccgc	accacgacga	120
tgacgttcac	ttgttttgtg	tttttcgata	tcttcaacgc	cttgacctgc	cgctctcaga	180
ccaagctgat	atgtgagatc	ggctttctca	ggaaccacat	gttcctctac	tccgtcctgg	240
ggtccatcct	ggggcagctg	gcgggtcattt	acatcccccc	gctgcagagg	gtcttccaga	300
cggagaacct	gggagcgctt	gatttgcgtg	ttttaactgg	attggcctca	tccgtcttca	360
ttttgtcaga	gctcctcaaa	ctatgtgaaa	aatactgttg	cagccccaaa	gagagtccag	420
atgcaccctg	aaagatgtgt	agtggaccgc	acttccgcgg	naccttccta	atnatttcaa	480
ctgggtgnga	ctgtggccct	gccctgtttc	ttcttagggg	agactttang	anggcgagcn	540
tcataccgga	tagttttctt	taggaaactn	aggaaccttg	gctcaggacc	a	591

<210> 485
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 485

ggtacgcggg	gatataaagg	gagagagcaa	gcagcgagtc	ttgaagctct	gttnggtgct	60
tnggatccat	ttccatcggn	ccttacagcc	gctcgtcaga	ctccancagc	caanatggtg	120
aancagatcg	agagcaagac	tgtttttcan	gaagccttgg	acgctgcang	tgataaactt	180
gtagnagtgt	acttctcagc	cacgtgggtg	gggccttgca	aaatgatcaa	gccttttctt	240
cattccctct	ctgaaaagta	ttccaacgtg	atattccttg	aagtagatgt	ggatgactgt	300
caggatgttg	cttcagagtg	tgaagtcaaa	tgcattgcaa	cattccagtt	ttttaagaag	360
ggacaaaagg	tgggtgaatt	ttctggagcc	aataaggaaa	agctttgnag	ccnccattaa	420
tgaatgagtc	taatcatgtt	ttctgaaaac	ataaccagc	catttggcta	tttaaaactt	480
gnaanttttt	nagntaccna	aatttaaagt	ctgaagacat	aaccgggtgc	catttgcgtg	540
acaatnaaaa	attatgccaa	cacttttttna	anaanganan	nnntttcctn	gggaaatngt	600
anccc						605

<210> 486
 <211> 319
 <212> DNA
 <213> Homo sapiens

<400> 486

ggtaccagtt	gtagccataa	agattctggg	actcattatg	gactactaga	aggacctcct	60
------------	------------	------------	------------	------------	------------	----

tcccttctgc	gacattgaac	ggcacgacat	caatattggt	ctgggcactg	tttggcaggt	120
tccagaaggt	taaaagcgag	gctgtgagca	ggagtccctg	ccaggggaatg	cacactctgt	180
atggacaggc	tgaaggggac	cccattggtct	ctgctgcctg	cttgtcctct	gtggagaaga	240
gcttgggctc	caggaactct	cttgtcaggg	ctgctgtgac	tgtcagctct	gctgtccttc	300
ctacctctgt	gtcccgcgt					319

<210> 487
 <211> 586
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(586)
 <223> n = A,T,C or G

<400> 487

acgcgggagc	tgagtgtccc	gcgggggccc	aagcggtttac	tttgaaaaaa	ttagagtgtt	60
caaagcaggc	ccgagccgcc	tggataccgc	agctaggaat	aatggaatag	gaccgcggtt	120
ctattttgtt	ggttttcggg	actgaggcca	tgattaagag	ggacggccgg	gggcattcgt	180
attgcgccgc	tagaggttaa	attccttgga	cggcgcaaga	cggaccanag	cgaaagcatt	240
tgccaagaat	gttttcatta	atcaagaacg	aaagtccggg	gttcgaagac	gatcagatac	300
cgtcgtagtt	ccgaccataa	acgatgccga	ccggcgatgc	ggcggcggtt	ttccatgacc	360
cgccgggcag	ctttcnggaa	accaaagtct	ttgggttncc	gggggagtat	ngttcnaaaa	420
aaaaaaaaaa	aaaaaaaaag	cctnnggccg	ganccctta	ngngnaaatt	cagccactgg	480
nggcgttctn	atggatncna	gctcggncca	acntggcgta	atatggcata	cttgttcctg	540
gngnaaatgt	ttccctccaa	attccccaaa	tacgggcgga	gcttaa		586

<210> 488
 <211> 487
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(487)
 <223> n = A,T,C or G

<400> 488

acagctgggt	ggacctattc	atgcattctc	accagcagct	ggagcatctc	cacccttgggt	60
atttctgggt	taaattactt	gagctctgtg	ctttgaaacc	agtttgataa	gtcctttact	120
aaggagctcc	tgaagggctg	ccctggccag	ggagcctcga	atcttcagtc	tctcagagac	180
cacagctggg	gttataagtt	tatagtggg	aacttcctta	cagagtttat	cataggtagc	240
tttgtcaaac	aagactaagt	tattgagctt	gtcccgaact	ttgcctttgg	accacttctt	300
ctttttggcc	ttgcccccg	atttggtcac	tgggtctttg	tctttcttgg	ccgactttcc	360
agcgtccttc	ttcttcttgt	cgctcctaag	cggcattgcy	aanctcggag	aataagcaac	420
aaacaccgca	cctcgtcnaa	gatgtcggac	aaaaaaaggc	cccgcgtacc	ttnggcccg	480
ancacnc						487

<210> 489
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(589)
 <223> n = A,T,C or G

<400> 489

acgcgggggtc	tctcctcagg	cagcagcaac	gcggaggaaa	cgggagtgaa	cggagagcgt	60
agtgaccatc	atgagcctcc	tcaacaagcc	caagagtgag	atgaccccag	aggagctgca	120
gaagcgagag	gaggaggaat	ttaacaccgg	tccactctct	gtgctcacac	agtcagtcaa	180
gaacaatacc	caagtgtctc	tcaactgccg	caacaataag	aaactcctgg	gccgcgtgaa	240
ggccttcgat	aggcactgca	acatgggtgt	ggagaacgtg	aaggagatgt	ggactgaggt	300
acaaagatta	aattaagaca	cggtaaattg	actaaatatt	tggtttttat	ataaataaag	360
gtcataacca	caccgttgac	atgtaatact	gttataatac	aacagttaaa	ctttgtgagt	420
ctcaacagaa	gtcatctgta	gttnaacagg	aaacaaaagt	tgaaaaaaaa	catgttnaaa	480
caaaactctg	ggactaacag	gtcgggattg	taagtacaac	caacatattc	ctcacttctg	540
ggtntttcaa	gtttacagta	cttggccgga	cccccttang	ggnattcac		589

<210> 490
 <211> 591
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(591)
 <223> n = A,T,C or G

<400> 490

ggtaccggga	tagtttttgc	agggttttat	tttataaaat	ccaagcgcgc	tgttgattgt	60
gttttccttg	ttttcagccc	cccgaactcca	gcccgcagca	catttcgcgt	gtccgtcagt	120
aattgtgtcc	tctctttatg	cttgcttggg	gaatgttgtt	ttctgactag	gctgatcatt	180
atctaaagaa	tctaattctg	ttgattttta	aaacttttag	gaccataaac	gttgtgttca	240
tatatggaca	tggaaatatt	tatataattt	tatagaaaat	aaccttttag	atgggtcaaag	300
tgtgaaggagt	tttttttgtc	agataatcat	ttctacttca	aaaacatttc	atgcaatatt	360
agaataaagt	tcctgtcatt	cctctnnnan	aaaaannnnn	nnnnnnanna	nnnnnnnnnn	420
nggaanannn	nnnnnnnnnn	aaaaaagtac	ctgcccnggc	ggcggttcaa	aaggcgaatt	480
ccaccactg	gcggccgttc	taatggatcc	anctcggacc	aacctggnga	aacatggcat	540
acctgttcct	ggngaaatgg	tntcccttac	aattcccaca	aataaaaccg	g	591

<210> 491
 <211> 583
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(583)
 <223> n = A,T,C or G

<400> 491

ggtacatata	aatccttttg	gtgtcacttg	tagcaagcct	tgcttctgca	gttttcggat	60
tttctcaaaa	gctttgttgc	gcttgcgtag	aattcgaagt	ggactaaagc	caacagcatc	120

gataagtttc	cgccataaaga	aaccaatggt	tgcaaagtag	ataggagatg	gacatctgaa	180
aattttcact	ccttctggct	catacatatc	ataataatct	tttttattct	tatagatggt	240
ggttcttcca	atattagcca	gcgtgctgca	ttttggaaat	tgggtcctga	acacgatggt	300
tagcagttga	aatgccacac	tagctgccag	gcctaaccgc	agtcccagga	caatggtgaa	360
agatgaaagg	catgaaccca	aataaacaat	catatttggn	cnttccccca	atctgctatt	420
ttaaccaact	gcatacaat	tcctttaagt	tccaatgcta	aactggcang	acnggcnttt	480
gtagaagngc	cangaaaaat	cagncttga	cgacaatcac	accatgatgn	nccataancc	540
acaatctggg	nttggtcnn	ggcctctgaa	cnnngactgg	nag		583

<210> 492

<211> 597

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(597)

<223> n = A,T,C or G

<400> 492

acgcgggggg	tggcacggag	gaaccaggag	cgtgccctgc	gcaccgtctg	gagctccgga	60
gatgacaagg	agcagctggt	gaagaacaca	tatgtcctgt	gaccgccctg	tcgccaagag	120
gactggggaa	gggaggggag	actatgtgtg	agcttttttt	aaatagaggg	attgactcgg	180
atattgagtga	tcattagggc	tgaggtctgt	ttctctggga	ggtaggacgg	ctgcttcctg	240
gtctggcang	gatggggttg	ctttggaaat	cctctangag	gctcctcctc	gcatggcctg	300
cagnctggca	acaaccccgga	gttggttctc	cgctgatcga	tttctttcct	ncaggtagag	360
ttttctttgc	ttatgttgaa	ttccattgcc	ttttctctcat	cacaaaaaat	gatgttggga	420
atcgnttctt	ttgtttggct	gaattatggg	ntttttaant	ataaaccaaa	nttttttatt	480
aacattctta	aanaagggaa	agtnnaatgt	ncnttggncc	cnaccncgct	aanggcnaat	540
ttcancccnt	ggnngccgtn	nttnnggatc	cnnncnngnn	ccaannntgg	nttantn	597

<210> 493

<211> 591

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(591)

<223> n = A,T,C or G

<400> 493

acggatgcta	cttgtccaat	gatggtaaaa	gggtagctta	ctggttgtcc	tccgattcag	60
gttagaatga	ggaggtctgc	ggctaggagt	caataaagtg	attggcttag	tgggcgaaat	120
attatgcttt	gttggttgga	tatatggagg	atggggatta	ttgctaggat	gaggatggat	180
agtaataggg	caaggacgcc	tcctagtttg	ttagggacgg	atcggagaat	tgtgtaggcg	240
aataggaaat	atcattcggg	cttgatgtgg	ggaggggtgt	ttaaggggtt	ggctagggta	300
taattgtctg	ggtcgcctag	gaggtctggt	gagaatagtg	ttaatgtcat	taaggagaga	360
aggaagagaa	gtaagccgag	ggcgtctttg	attgtgtagt	aaggggtggaa	ggtgatttta	420
tcggaatggg	aggtgattcc	taaggggtg	gttgatccc	tttcttgcca	agaataagaa	480
gtggaatgct	gctagggctg	cattaatgaa	ggccaagatg	aaatgaaagg	taaanaatcn	540
ngtgangggg	gactgctact	gatanccctc	caaatacatga	ataggntgtc	c	591

<210> 494
 <211> 374
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(374)
 <223> n = A,T,C or G

<400> 494
 ggtacttttt tttttttttt tttttttttt ttttttagnt catgtctttt attaaactcat 60
 acagttactt gtcttctggt ttgttgaaac agtaagtcan acaacatttg ccacaataat 120
 gtctgtcaaa gtgacttgcc ataaacaccc cagcaccaca ttcatcanaa gggcactctc 180
 gacgaaggcg actaatTTTg ccatttctcat ccaccttata atatttcagg acagccagct 240
 taaccttctt tctcttTgTg ttattcttct tgggagnggt gtaagacttc ttcttccttt 300
 tcttagcacc accacgaagt ctcaacacaa gatgaagagt agactccttt tgaatattgt 360
 aagtcagaca aagt 374

<210> 495
 <211> 597
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(597)
 <223> n = A,T,C or G

<400> 495
 actgggagaa ggtgctgacg ccgacgaagt ggtggatggg cttcccgtg caggtgaacc 60
 tcctggtgcc atcctgcagg gtcccccgag gattgcctag atcatttttc aagcagtagt 120
 tgctttcttg gtttttacaa attctgcatt ttccacactg aggagtaaag agcgggatga 180
 ctttatcacc tggtttgact gtagtacccc cttctccaac actttccacg atgccggctg 240
 cctcatggcc taaaatcaca ggaagggggg tcaccagggt gccactaacc acatgctcat 300
 ctgaacgaca gattcctgca gccaccatct taatgcgaac ttcatgagcc ttaggaggtg 360
 caacctctac ctctcaatg gaaaagggtt tctttaactc ccatagcaca actgctttgc 420
 atttgattac ctgtaaactc agctacttgt gaaggctgag gcanganaat actttgaacc 480
 ccggaaggca aaggttgcaa tgagccnana acaccattgn acttccanct gggcaatana 540
 aaaaaactca tttttcctgc tggctcaaat gatctgcttc ttgcaaacaa gagntgn 597

<210> 496
 <211> 604
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(604)
 <223> n = A,T,C or G

<400> 496
 ggacgcgggt gctgactgca tagctctttt tcttgagagg ctctccattt tgattcagaa 60

agttagcata	tttattacca	atgaatttga	aaccagggct	tttttttttt	tttgggtgat	120
gtaaaaccaa	ctccctgcc	ccaaaataat	taaaatagtc	acatttatct	ttattaggta	180
atcacttctt	aattatatgt	tcatactcta	agtatcaaaa	tcttccaatt	atcatgctca	240
cctgaaagag	gtatgctctc	ttaggaatac	agtttctagc	attaaacaaa	taaacaaggg	300
gagaaaataa	aactcaagga	gtgaaaatca	ggaggtgtaa	taaaatgttc	ctcgcatctc	360
cccccgcttt	tttttttttt	ttgactttgc	cttggaagc	cagagcttcc	cgcattttct	420
ttactattct	ttttaaaaaa	agtttccactg	ngtaaaagaa	catatttgcc	taaacatang	480
tcaattatat	gtctccatta	naaaaaaata	attggnaaac	attgtctana	actagttcca	540
aaataattaa	gggggaaatc	tntaatnttt	ttaaagtgcc	naaanaatgc	ctaanttaaa	600
antt						604

<210> 497
 <211> 587
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(587)
 <223> n = A,T,C or G

<400> 497

acattaatga	aatgttttcca	aagaaatact	gaacaatata	tactctagtt	tgctgaggtt	60
ccagctcgag	ttcaaacct	attcttgtgc	aataaaaaatc	agcatggatc	ttagatgatc	120
tagaatacac	tgtgttttga	aatccacagc	tggtttcatt	tttaaccatt	atgaaaaacc	180
agtacttttt	tttttttttt	tttttttttc	nctnggacca	taaattttta	ttggcaggtc	240
aggaaaaaag	cggggggtaa	gggtcccttc	cttcccatcc	ctctacccan	aanacaccct	300
ccaaaggaca	gcagaagccc	cagagcctgc	tgccctcagag	gaccttggag	gcagacaaat	360
tggtgtagn	atcttccctgt	ccctcaanca	ggctgcggta	ggtggnaatc	tnctgctcca	420
gccgcgactt	gatgtccatg	aaccgctgg	cctcgccgc	gacaccctta	nggcgaattn	480
caccnactgg	gnggcgttct	agtggatccg	actcggacca	acctngcgna	atcatggcan	540
actgggttct	gnnggaaatg	gtttccctnc	aattccccaa	cataccn		587

<210> 498
 <211> 354
 <212> DNA
 <213> Homo sapiens

<400> 498

acgcgggcaa	taaagctaaa	actcacctga	gttgtaaaaa	actccagttg	acacaaaata	60
gactacgaaa	gtggctttta	catatctgaa	cacacaatag	ctaagaccca	aactgggatt	120
agatacccca	ctatgcttag	ccctaaacct	caacagttta	atcaacaaaa	ctgctcgcca	180
gaacactacg	agccacagct	taaaactcaa	aggacctggc	ggtgcttcat	atccctctag	240
aggagcctgt	tctgtaatcg	ataaaccccg	atcaacctca	ccacctcttg	ctcagcctat	300
ataccgccat	cttcagcaaa	ccctgatgaa	ggctacaaag	taagcgcaag	tacc	354

<210> 499
 <211> 632
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 499

nccgaggtac	caactgcact	cgtttttggca	ttgcagctaa	atatcagttg	gatcccactg	60
cttccatttc	tgcaaaagtc	aacaactcta	gcttaattgg	agtaggctat	actcagactc	120
tgaggcctgg	tgtgaagctt	acactctctg	ctctggtaga	tgggaagagc	attaatgctg	180
gaggccacaa	ggntgggctc	gccctggagt	tggaggctta	atccanctga	aaagaaacct	240
ttgggaatgg	atatcaaaa	aattggcctt	aatatatttc	cattgngacc	agcagcaggc	300
tttttttccc	ccagaagatg	atcaaaaacaa	aaggatgac	tcaacaagaa	ctgtatttta	360
aagtatttaa	ganagtcttt	ggtaactngg	ttctaagtng	gtatctaatt	acccaatgct	420
gcagtcctgc	agtcctctatt	cattanttaa	atgtatttaa	ctggtaaatt	ccctnccnc	480
cataatgaaa	taganccttt	ttgaaaaccc	aaaaaaaaaa	aaaaaaaaaa	aaaaaagtcc	540
ctgcccggcc	ggcctcaaaa	ngngaatc	cannccctgg	gggccgtact	aanggatccn	600
cccggnccaa	cttggggaat	atgggntant	gn			632

<210> 500

<211> 619

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(619)

<223> n = A,T,C or G

<400> 500

tccagcggnc	cgccggggcng	gtcatctata	aaaggaaaag	tgatggcatc	tatatcataa	60
atctcaagan	gacctgggag	aagcttctgc	tggcagctcg	tgcaattggt	gccattgaaa	120
accctgctga	tgctcagtgt	atatactcca	ngaatactgg	ccaaanggct	gtgctgaant	180
ttgctgctgc	actggaacca	ctccaattgc	tggccgcttc	actcctggaa	ccttcactaa	240
ccagatcagg	caaccttccg	ggaccacggn	ttnttggtgt	tactgacccc	aaggctgacc	300
accaacctnt	cacggaggca	ttttatgtta	acctacctac	cattgcgctg	tgtaacacaa	360
gattcttctc	tgcttatgtg	gacattggca	ttccatgcaa	caaccaaggg	gagctcactc	420
aatgggtttg	atgtgggtgga	tctgctcggg	naagtctgcy	catgcctggc	accatttccg	480
tgaacaccat	ggagggatgc	ctgattttac	cttggccgga	cacnctangg	cgaattcacc	540
acttgnggcc	gtatantgga	tccactcgga	ccaacttggg	naaaatggca	naatnttccg	600
gggaaatgat	ccctccaan					619

<210> 501

<211> 605

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(605)

<223> n = A,T,C or G

<400> 501

accacactga	gatagtgttt	gccaggacct	cccctcagca	gaagctcatc	attgtggaag	60
gctgccaaag	acagggtgct	atcgtggctg	tgactgggtga	cggtgtgaat	gactctccag	120
ctttgaagaa	agcaaacatt	gggggtgcta	tggggattgc	tggctcagat	gtgtccaagc	180

aagctgctga	catgattctt	ctggatgaca	actttgcctc	aattgtgact	ggagtagagg	240
aaggctcgtct	gatctttgat	aacttgaaaa	aatccattgc	ttatacctta	accagtaaca	300
ttccccgaga	tcaccccggt	cctgatattt	attattgcaa	acattccact	accactgggg	360
actgtcacca	tcctctgcat	tgacttgggc	actgacatgg	gtactgccat	ctcctggctt	420
atgagcagcc	tggaaggcat	catgaanaaa	cagcccaaaa	tccaaacaga	caacttgtga	480
atgancnggt	gatcacatgg	ctatggcaga	atggatgatc	nagnccctgg	aggttcttac	540
ttacttgga	tctgntgaaa	cggttcttcc	aatacctntt	ggcctccatg	gntggaanac	600
cctga						605

<210> 502

<211> 627

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(627)

<223> n = A,T,C or G

<400> 502

acatcttgct	ggaaaatgct	gcccagggct	ctggagacgg	tggetgcccg	ggctcccttc	60
actgtccagg	tcctgaaaga	ctcttggtca	tgaactgtct	cttcacaaag	caagtccacc	120
acttgctggg	tttatcattc	tgagggtcga	aaactttctc	acaaagtctc	agtcagctct	180
cttgcccttag	ctggtgtaaa	taggctctca	tcacttcac	ttctgtttgt	ttgcagggtt	240
ggcataaatt	gcgttaagt	gaaaaccagg	ctctccagga	atgggaaaat	taagtgatcc	300
ccagcgtata	catttctttc	tcaccttggc	ttttggaatt	gcacttttgc	agtttcttca	360
nacattcaga	aatgtagaga	gttatatata	tcaangnct	atcaacttca	ttcttaattt	420
cataagtttt	gaaaaaaa	ttggcccttg	aagtaataaa	tngntttatt	cccaaatct	480
ggatcntttg	gcncctcngg	ggcangnccc	ttgaaatgac	ttttgatagg	gaacaangcc	540
ctggtttcca	nnagnttggg	ttcnggaccn	taaaaaaaa	gggaanccgg	nttttgngng	600
gcccggttta	acccaagggc	cgganch				627

<210> 503

<211> 629

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(629)

<223> n = A,T,C or G

<400> 503

ggtacattag	tagagctctc	caatcacagg	cagacgccag	tgtcctatga	ccaggggggca	60
aatatggcca	aacagattgg	agcagctact	tatatcgaat	gctcagcttt	acagtcggaa	120
aatagcgtca	gagacatttt	tcacgttgcc	accttggcat	gtgtaaataa	gacaaataaa	180
aacgttaagc	ggaacaaatc	acagagagcc	acaaagcgga	tttcacacat	gcctagcaga	240
ccagaactct	cggcagttgc	tacggactta	cgaaaggaca	aagcgaagag	ctgcactgtg	300
atgtgaatct	ttcattatct	ttaatgaaga	caaaggaatc	tagtgtaaaa	aacaacagca	360
aacaaaaagg	tgaagtctaa	atgaagtgc	cagccaaagt	catgtatcca	gaggcttang	420
aggcgtttga	gangatactc	atcttttttg	aatnctgcct	taggttcggc	atgtanacca	480
agtgatgaga	agtgaatcca	tggaagagtt	ttaatgtgac	ttggaaaata	tgccaaaaaa	540
tgagagatcc	aataacttna	ggaaaataag	ggggatccaa	tncctncccc	gcggccctta	600

<210> 504
 <211> 462
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(462)
 <223> n = A,T,C or G

<400> 504
 acgcgggagc tgagtgtccc gcggggcccg aagcgtttac tttgaaaaaa ttagagtgtt 60
 caaagcaggc ccgagccgcc tggataccgc agctaggaat aatggaatag gaccgcggtt 120
 ctattttgtt ggttttcgga actgaggcca tgattaagag ggacggccgg gggcattcgt 180
 attgcgccgc tagaggttaa attccttgac cggcgcaaga cggaccagag cgaaagcatt 240
 tgccaagaat gttttcatta atcaagaacg aaagtcggag gttcgaagac gatcagatac 300
 cgtcgtagtt ccgaccataa acgatgcccg accggcgatg cggcggcggt attccatgac 360
 ccgncgggca gcttcgggga aaccaaagtc tttgggttcc ngggggagta tnggtgcaaa 420
 aaaaaaaaaa aaaaaaaaaa gtcctnggnc gcgacccct aa 462

<210> 505
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 505
 actttttttt tttttttttt tttgggggag gttatatggg tttaatagtt tttttaattt 60
 atttaggggg aatgatgggt gtctttggat atactacagc gatggctatt gaggagtatc 120
 ctgaggcatg ggggtcaggg gttgaggtct tgggtgagtgt tttagtgggg ttagcgatgg 180
 aggtaggatt ggtgctgtgg gtgaaagant atgatggggg ggtggttggt gtaaacttta 240
 atagtgtagg aagctgaata atttatgaag gagagggggtc aggggtgatt cgggaggatc 300
 ctattggtgc gggggctttg tatgattatg ggcgttgatt agtantaatt actggttgaa 360
 cattgtttgt tgggtgtatat attgnaattg agattgctcg ggggaatang ttagtgatt 420
 aggaataggg ttangatgag tggaagaaa aaaagaaaagg aantaaaagt ttaattattc 480
 cctttttggg ttgaagngat natggaaggg gaaaatttgg gccttgaaat tgtttaagta 540
 atacttttct aataaggtaa gtctagaaga atagggcnng ttttgggtctt aaaaaggcta 600
 aaaggggatt ggcggggtgg atccnccc 628

<210> 506
 <211> 612
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(612)

<223> n = A,T,C or G

<400> 506

acggtagaac	tgctattatt	catcctatgt	gggtaattga	ggagtatgct	aagattttgc	60
cgtagctggg	tttggtttaa	tccacctcaa	ctgcctgcta	tgatggataa	gattgagaga	120
gtggggagaa	ggcttacggt	cagtgaggga	gagatttggt	atatgattga	gatgggggct	180
agtttttgtc	atgtgagaag	aagcaggccg	gatgtcagag	gggtgccttg	ggtaacctct	240
gggactcaga	agtgaagg	ggctattcct	agttttattg	ctatagccat	tatgattatt	300
aatgatgagt	attgattggt	agtattgggt	atggttcatt	gccggagaag	tatattgttg	360
aagaggatag	ctattagaag	gattatggat	gccgttgctt	gcctgaagaa	atacttgatg	420
gcagcttctg	tggaaccaag	gtttattttt	ttggntagaa	ctggaataaa	acctacatgt	480
ttattttctan	gccactcagg	taaaaaatca	tgcnactta	acccttgata	atgtgcctcc	540
aaaatgtaaa	aaaataacgg	ttggcccggg	ataatcccgt	ncttggccga	ccccctaggn	600
aattcccccc	tg					612

<210> 507

<211> 632

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(632)

<223> n = A,T,C or G

<400> 507

ggtactacgt	tgtagccac	ttccactatg	tcctatcaat	aggagctgta	tttgccatca	60
taggaggctt	cattcactga	tttcccctat	tctcaggcta	caccctagac	caaacctacg	120
ccaaaatcca	tttccactatc	atattcatcg	gcgtaaactct	aactttcttc	ccacaacact	180
ttctcggcct	atccggaatg	ccccgacggt	actcggacta	ccccgatgca	tacaccacat	240
gaaacatcct	atcatctgta	ggctcattca	tttctctaac	agcagtaata	ttaataattt	300
tcatgatttg	agaagccttc	gcttcgaagc	gaaaagtcct	aatagtagaa	gaacctcca	360
taaacctgga	gtgactatat	ggatgcccc	caccctacca	cacattcgaa	gaacctgcat	420
acataaaatc	tagacaaaaa	aggaagggaat	cgaaccccc	aaactgggtt	nagccaaccc	480
catgggcttc	acgacttttt	tataaaaaaa	aaaaaaaaaa	aaaagtcctg	gcccgggngg	540
cggtcanggn	gaaattcaac	nactgggngg	cggtctaang	ggtccaactc	gggnccaacc	600
tgggggaaaa	tgggaaagtg	gttcctgggg	aa			632

<210> 508

<211> 336

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(336)

<223> n = A,T,C or G

<400> 508

cggtcctcta	atgctgctcn	cccggccgca	ntgtgattgg	atatcttgca	gaattcgccc	60
ttagcgtggg	cgccgggccc	aggtacaact	tccaaaaagg	agacattgga	gaanaaccaa	120
gctgggtcta	taaggaattg	cacatgagat	ggcacacata	tttatgctgt	ctgaaggnga	180
cgatcatggt	accatatcaa	gctgaaaatg	tcaccactat	ctggagattt	cgaccgtggt	240

ttcctctctg aatctgttat gaacacnttg gttggctgga ttcantaata aatatgtaag
gccttttcttt tcaaaaaaaaa aaaaaaaaaa aaaagt

300
336

<210> 509
<211> 624
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(624)
<223> n = A,T,C or G

<400> 509
gggtactttttt tttttttttt ttttttttta tagatacaat tggcttttat ttgtgattca 60
tgagtcaggg cagtttccat tctgcaaaat atagtgatag ctctactgg gcaatacaac 120
agtanaacag tgggttttgt aaaatgggaa tccaggaaca gaagaatata aataaattga 180
tttaataaaa ctgattgggt aatttcagaa tacttcatat tacttttttc taagaggttaa 240
agcagaaagg actttcttac tgtgctgact canacagcct ggactctcat gtttttagga 300
aaattttgct gttctgggat ctacctgctt cctcatgttt cagtngagat atatggcatt 360
taacatgact ggctccattc tggagtccca ggctgtccct aaatgagaag ttgactaaac 420
ataaggnatt aacactactg ncagggtacca tcattttggc ttncatcatt catanggtat 480
gatgnccnc naatcatacc tttatttgag tttttgncat tccncccaa aaaaaaatt 540
ttgaanttta ccaaaggntg catgccacnt ttaaagggtt anaaaatcnc ccncncnggn 600
actaatnttg ggccatcngn nggc 624

<210> 510
<211> 619
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(619)
<223> n = A,T,C or G

<400> 510
acggatgcta cttgtccaat gatggtaaaa gggtagctta ctggttggtc tccgattcag 60
gttagaatga ggaggtctgc ggctaggagt caataaagt attggcttag tgggcgaaat 120
attatgcttt gttgtttgga tatatggagg atggggatta ttgctaggat gaggatggat 180
agtaataggg caaggacgcc tctagtttg ttagggacgg atcggagaat tgtgtaggcc 240
aataggaaat atcatteggg cttgatgtgg ggaggggtgt ttaanggggt ggctagggta 300
taattgtctg ggtcccctaa gaggtctggt gagaatagt ttaatgtcat taangagaga 360
aagaaaaaaa ataagcccga gggcgtcttt gattgtgtan taaagggtga angtgatttt 420
atcngaattg gaagtgattn ctaaggggtt ggtttgatcc ctttcgtgcc aaaataagaa 480
ngggaatgct gctagggtc cataatgaag gcaanataaa atgaaagnaa aaaatctgta 540
aggnnngact gctactaata ncctcccaaa tcttgaacaa gntttnccaa ttntggatgg 600
nggtataant tnaattcnn 619

<210> 511
<211> 634
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(634)
 <223> n = A,T,C or G

<400> 511

cgaggacgcg	gggagatggc	ctagaagcaa	tgatagccat	cactgagaac	acctagcacc	60
caatcttgg	tcctaatacc	attctcccat	caaaggaacc	agagatcctt	ggagaaatgg	120
ttaaggaatg	aggcaggaaa	tatacaagat	aagcctggag	catcttatag	ctctagaaaag	180
taagaaagta	cctgcctatt	ttagaatcct	agagaacatt	tcattgtaag	aaactagccc	240
attattttaag	tgtccacagt	atttttcatt	tcagtgggtcc	aagatgcgaa	ggtttccaga	300
cacaatcttg	ttctctaata	ctgctccagg	tgggatatca	attctgtccc	catgatttgc	360
aatgatgata	cccgttccct	ttaatgaaac	atttttttnc	aatgtcacat	cttctgaaac	420
tgngaggnga	tccaattcaa	gcatactctg	gntactttcc	aaatcntctt	agataatctt	480
gaaccttcgt	aaaagaactg	gctaattaan	ccanggccct	gnaggaaatt	ccccttttcc	540
tcattggcag	anancctgca	ttaaantntt	aagggttgnn	ttncnccan	aaactgtgtg	600
gttgnaggc	aaaaaacggt	cttgggcatt	ancc			634

<210> 512
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 512

ggtacgcggg	cattgttcat	gactttaaca	agaaacttac	agcctattta	gatcttaacc	60
tggataagt	ctatgtgatc	cctctgaaca	cttccattgt	tatgccaccc	agaaacctac	120
tggagttact	tattaacatc	aaggctggaa	cctatttgcc	tcagtcctat	ctgattcatg	180
agcacatggt	tattactgat	cgcattgaaa	acattgatca	cctgggtttc	tttatttatc	240
gactgtgtca	tgacaaggaa	acttacaac	tgcaacgcag	agaaactatt	aaaggtattc	300
agaaacgtga	agccagcaat	tgtttcgcaa	ttcggcattt	tgaaaacaaa	tttgccgtgg	360
aaactttaat	ttgtcttgaa	cagtcaagaa	aaacattatt	gaggaaaatt	aatatcacag	420
cataccccc	cctttacatt	ttgngcagng	gatatttttt	aaagcttctt	tnatgtaagt	480
agcaacangg	ntttactatc	tttcatttca	taaatcaatt	aaancnttnc	ctcaaaaaaa	540
aaaaaaaaaa	aaaaatacct	ncccggcggc	gctccaaagg	ggaattcaan	caccggnggc	600
cgtctttggg	accaacncgg	gcc				623

<210> 513
 <211> 623
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(623)
 <223> n = A,T,C or G

<400> 513

actgccctct	ccagatcagc	agttcaggag	agcacaggag	gcaaaacaca	gattgctggg	60
cttattggtg	ccatcatcgt	gctgattgtc	gttctagcca	ttggatttct	cctggcacct	120
ctacaaaagt	ccgtcctggc	agcttttagca	ttgggaaact	taaagggaat	gctgatgcag	180
tttgctgaaa	taggcagatt	gtggcgaaag	gacaaatatg	attgtttaat	ttggatcatg	240
accttcattc	tcaccattgt	cctgggactc	gggttaggcc	tggcagctag	tgtggcattt	300
caactgctaa	ccatcgtgtt	caggacccaa	tttccaaaat	gcagcacgct	ggctaataat	360
ggaagaacca	acatctataa	gaataaaaaa	gattattatg	atatgtatga	gccagaagga	420
gtgaaaattt	cagatgtcca	tcttctatct	actttgcnaa	cattggnttc	tttaggcngg	480
aacttatcga	tgctggtnng	ctttagtnca	ctttgnaatt	tacgcaagcc	ccacaaactt	540
tgaggaaatc	ccaaactgcn	aancangntt	nttcagtggg	acccaanggt	tttttttctt	600
tggcccgaen	ccctangnga	atn				623

<210> 514
 <211> 627
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(627)
 <223> n = A,T,C or G

<400> 514						
ggtactcatg	cccgactgtc	taccaggcac	acagactttg	aggagagggc	gtatgtcgtc	60
ttgatccgca	tcaatgatgg	gggtcggcca	cccttggaag	gcattgtttc	tttaccagtt	120
acattctgca	gttgtgtgga	aggaagttgt	ttccggccag	caggtcacca	gactgggata	180
cccactgtgg	gcatggcagt	tggtatactg	ctgaccaccc	ttctgggtgat	tggtataatt	240
ttagcagttg	tgttttatccg	cataaagaag	gataaaggca	aagataatgt	tgaaagtgtc	300
caagcatctg	aagtcaaacc	tctgagaagc	tgaatttgaa	aaggaatgtt	tgaattttata	360
tagcaagtgc	tattttcagca	acaaccatct	catectatta	cttttcatct	aacgtgcatt	420
ataatttttt	aaacagatat	tccctcttgt	cctttaatat	ttgctaaata	tttctttttt	480
gangnggagt	cttgcctctgt	cgnccaagct	ggantacctg	ncccggccgg	ccgtcaaagg	540
cgaattcaac	aactggcggc	cgtactaatg	gatcgacctc	ggaccaactt	ggggaacatg	600
gcanactngt	tcctgngnaa	aggatcc				627

<210> 515
 <211> 605
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(605)
 <223> n = A,T,C or G

<400> 515						
accattgggtg	gccaatgat	ttgatggtaa	gggagggatc	gttgacctcg	tctgttatgt	60
aaaggatgcc	gtanggatgg	gagggcgatg	aggactagga	tgatggcggg	caggatagtt	120
cagacggttt	ctatttcctg	agcgtctgag	atgttagtat	tagttaagtt	ttgttgtgag	180
tgttaggaaa	agggcataca	ggactaggaa	gcagataagg	aaaatgatta	tgagggccgt	240
gatcatgaaa	ggtgataagc	tcttctatga	taggggaaag	taancgtctt	gtanacctac	300
ttgcgctgca	tgtgccatcc	cgccgtaccc	taacccgtgc	aaaggtagca	taatcacttg	360
ttccttaatt	aaggggacctg	tatgaatggc	ttcaccaggg	ttcaactgtc	tcttactttt	420

aaccagtga	attgacctgc	ccctgaanag	gcggcnttac	acaccagacg	agaaaacctt	480
tggagcttaa	ttattatcca	acatacctng	ccggaccccc	taaggcgaat	tccaccactt	540
gcggcgctta	tggatccact	cggaccactt	ggggaaaagg	ctactgtcct	ggnaatgttt	600
cctcn						605

<210> 516
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 516

ggtacaacta	atccgtgaca	aattaccaga	ttaatttttac	tttattttcct	caggcctggg	60
gtttttcga	gagttcaaat	ttgggatctt	caaatttgaa	ggtgggaaat	gtattcatgt	120
ctgcattacc	aaacatttgc	ttgagcttaa	aaagctccct	ctccagctct	tgctgatact	180
ctgaactagc	atcaacaggt	cctccagatg	tctgtcgtct	agatttgtat	tctctaactt	240
tgtccacaaa	gagtttctgt	ataggatcaa	gttccttatt	aaatgccact	gctgtaacac	300
caatgttctt	ccgcaaattg	actgagacgg	ctgaccgaat	gacagaggag	aacctgaaga	360
gcctctgaag	aatcatgctg	attccttgac	tcagtcccga	gctgncaaag	ccttcgccgc	420
caccaccttc	gntctacccc	cgcgtacctg	cccggcgggc	gctc		464

<210> 517
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 517

acccggagca	cggagatctc	gccggcttta	cgttcacctc	ggtgtctgca	gcaccctccg	60
cttcctctcc	taggcgacga	gacccagtgg	ctagaagtcc	accatgtcta	ttctcaagat	120
ccatgccagg	gagatctttg	actctcgcag	gaatcccact	gttgaggttg	atctcttcac	180
ctcaaaagg	ctcttcagag	ctgctgtgcc	cagtgggtgt	tcaactggta	tctatgaggc	240
cctagagctc	cgggacaatg	ataagactcg	ctatatgggg	aagggtgtct	caaaggctgt	300
tgagcacatc	aataaaacta	ttgcgcctgc	cctgggttagc	aagaaaactga	acgtcacaga	360
acaagagaag	attgacaaac	tgatgatcga	gatggatgga	acagaaaata	aatctaagtt	420
tggtgcgaac	gccattcttg	gggtgtcctt	tgccgtctgc	naaactgggtg	ccgttgagaa	480
gggggtcccc	tgtccttggc	cggacacnct	aaggcgaatt	ccacacactg	cggccgtact	540
atggatcgac	tcggnaccaa	cttgggtaat	atgggcatac	tggtnctggn	gaaatgtttc	600
cctccaatcc	a					611

<210> 518
 <211> 435
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(435)
 <223> n = A,T,C or G

<400> 518
 cgaggtactt tntttttttt tttttttttt ttttaagagg aaaacccggt aatgatgtcg 60
 gggttgaggg ataggaggag aatgggggat aggtgtatga acatgagggt gttttctcgt 120
 gtgaatgagg gttttatgtt gttaatgtgg tgggtgagtg agccccattg tgttgtggta 180
 aatatgtaga gggagtatag ggctgtgact agtatgttga gtcctgtaag taggagagtg 240
 atatttgatc aggagaacgt ggttactagc acagagagtt ctcccagtag gttaatagtg 300
 gggggtaagg cgagggttagc gaggcttgct agaagtcac caaaaagctat tagtgggagt 360
 agagtttgaa gtccttgaaa gaggattatg atgccactgt gaatgccttc ctagtttgag 420
 tttgctagcc cgcgt 435

<210> 519
 <211> 407
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(407)
 <223> n = A,T,C or G

<400> 519
 actttntttt tttttttttt tttttttttt ncagctttgc aaccatactc cccccggaac 60
 ccaaagactt tggtttcccg gaagctgccc ggcgggtcat gggaataacg ccgccgcac 120
 gccggtcggc atcgtttatg gtcggaacta cnacggtnn tgatcgtnnt cnaacctccg 180
 actttcgttc ttgattatga aaacattct tggcaaatgc tttcgtctcg gtcgtnntg 240
 cgccggtcca anaatttcac ctctagcggc gcaatacnaa tgcccccggc cgccctctt 300
 aatcatggcc tcagttccga aaaccaacaa aataaaaccg cggtcctatt ccattatgcc 360
 tagctgcggg atccaggcgg tccccggtac ctnggccgng accacgc 407

<210> 520
 <211> 613
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(613)
 <223> n = A,T,C or G

<400> 520
 accttctggg gcatacaaca tggcagcagg gcctcgggaa gaggggtagg aggaccgagc 60
 agcattctct gtagaggaag acaggaaagg agaccctctt ggcacacatt tatggagggt 120
 tgtccctgaa gagaagggca ggtgggagag gttccctgtt acttaagaga aggcaccagt 180
 ggcaaagagc acaatgaaga ggatgatgat aaaaacaatc acgcagataa ggacaatcat 240
 cttcacgttc ttccaccaga attttcgagc caccttctgc gatgtcgtct tgaagtgtc 300
 agatgtggct tccagatcct ctgtcttggt gcggagatgt tccaagtttt cccccgggc 360
 caggatccgc tccacattct gggtcataat attcttaact cctccacct cactttgcag 420
 gttccgcaca cgatcatttc cttcaccttc actggcttnc tncatgtctc aaagcaccca 480

gccggcagta	agtgaatcgc	ctatcggntt	cttccaggng	ggcctanttn	antttctggtg	540
gtcaactttc	cccgcgtact	tgggcggacc	ccctaagggg	aattcactgg	cggccgtctt	600
tgatccacc	cgn					613

<210> 521
 <211> 606
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(606)
 <223> n = A,T,C or G

<400> 521						
actgcagtaa	aagctttaac	aggtggaatt	gccacttat	tcaaacagaa	taaggttggt	60
catgtcaatg	gatatggaaa	gataactggc	aaaaatcaag	tcaactgctac	gaaagctgat	120
ggcggcactc	aggttattga	tacaaagaac	attcttatag	ccacgggttc	agaagttact	180
ccttttcctg	gaatcacgat	agatgaagat	acaatagtgt	catctacagg	tgctttatct	240
ttaaaaaaag	ttccagaaaa	gatggttggt	attggtgcag	gagtaatagg	tgtagaattg	300
ggttcagttt	ggcaaagact	tgggtgcagat	gtgacagcag	ttgaattttt	angtcatgta	360
gggtggagttg	gaattgatat	ggagatatct	aaaaactttc	aacgcaccc	tcaaaaacag	420
gggtttaaat	ttaaattgaa	tacaanggta	ctggtgctcc	aagaagcana	tggaaaaatt	480
gatgttctat	tgaanctctt	ttgngggaaa	gctgaantnt	acttggatgn	cctnggccgn	540
acncnctagg	caatccncca	ctgnggccnt	ntttggtcen	cctggtccaa	ctgggnnann	600
nggctn						606

<210> 522
 <211> 617
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(617)
 <223> n = A,T,C or G

<400> 522						
acttgcgctt	actttgtagc	cttcatcagg	gtttgctgaa	gatggcggtg	tataggctga	60
gcaagagggtg	gtgagggttg	tccgggttta	tgcattacag	aacaggctcc	tctagagggg	120
tatgaagcac	cgccagggtc	tttgagtttt	aagctgtggc	tcgtagtgtt	ctggcgagca	180
gttttggttg	tttaactggt	gaggtttagg	gctaagcata	gtgggggtatc	taatcccagt	240
ttgggtctta	gctattgtgt	gttcagatat	gttaaagcca	ctttcgtagt	ctattttgtg	300
tcaactggag	ttttttacaa	ctcangtgag	ttttagcttt	attggggagg	gggtgatcta	360
aaacactctt	tacgcgggt	tctattgact	tgggttaate	gtgtgacccg	cgggtggctgg	420
cacgaaattg	accaaccctg	gggttagtat	aacttaatta	aactttcntt	attgctnaag	480
gtaatcctgg	tggttncctt	ggggngtng	ntaggtata	cgtttgaacc	tcattctgcg	540
gcctganctt	ggccctttta	tccgggggatt	aaaaggggac	tncttgaacn	ggngccttct	600
tggnaaatta	taaaaca					617

<210> 523
 <211> 608
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(608)

<223> n = A,T,C or G

<400> 523

cgaggtactt	tttttttttt	tttttttttt	ttttggaana	agtaagcctt	tatttccttg	60
ttttgcaaat	aaaactggct	aagttggttg	cttttttggtg	attaagtcaa	aganaccaa	120
tcccatatcc	tcgtccgact	cctccgactc	ttccttggtc	tcaaccttan	ctggggctgc	180
agcagcagca	ggagcagctg	tgggtgtagc	aaccacaggg	gcagcancca	caaaggcaga	240
tggatcaacc	aanaaggcct	tgaccttttc	aacaagtggg	aaggngtaat	ccgtctccca	300
aacaaagtca	ggactcgttt	gtctcttcaa	aaaaaaaaag	cganggctcg	catttggtcc	360
cctttggaca	ttttgcaact	cttcaatggg	gttncattgg	tnggtgatgg	tataaacctt	420
tgangnacct	gcccggccgg	ccgtcaaang	gcaaattcac	ccactggcgg	ccgttctatg	480
gatccnacc	ggncccaact	tgggtaatat	ggcanactgt	tcctggggga	aatgtntccc	540
tnaaattccc	acaaanacaa	nccgaaccta	aangtaancn	gggggcccaag	agggcnaccn	600
ccttattg						608

<210> 524

<211> 398

<212> DNA

<213> Homo sapiens

<400> 524

ggtacaggat	cctctaaaga	gaccgcctgg	ctgggtgctc	aaaccacatg	ggccgaccca	60
aaagacgtca	aaaccaagag	ctgctcagga	ggcactaaat	gttgacggtc	ttggccggct	120
tcacatcctc	aatttcagca	gacagccagc	ggtaagtgcg	atgacgccgc	agcacctcaa	180
tggccttgag	ttccagtggg	gttgccctgaa	taccaaggtc	ttctaagcca	ggcaggtgag	240
gcaatttcat	gtctgtgatg	tgcattccgct	ccactttatc	ccttggttatc	cagggctcaa	300
atgggcttat	ttcaaagact	cttgctaccc	atcgataggc	aaaaagcggc	aaggggaatg	360
ggaggaacaa	tctgtgagcc	acaacaaaga	tgtacctg			398

<210> 525

<211> 607

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(607)

<223> n = A,T,C or G

<400> 525

actgttccctg	ttggccccgag	tggagactgg	tgttctcaaa	cccggtatgg	tggtcacctt	60
tgctccagtc	aacgttacaa	cggaagtaaa	atctgtcgaa	atgcaccatg	aagctttgag	120
tgaagctcct	cctggggaca	atgtgggctt	caatgtcaag	aatgtgtctg	tcaaggatgt	180
tcgtcgtggc	aaccgttgct	ggtgacagca	aaaatgaccc	accaatggaa	gcagctggct	240
tcactgctca	ggtgattatc	ctgaaccatc	caggccaaat	aagcgccggc	tatgcccttg	300
tattggattg	ccacacggct	cacattgcat	gcaagtttgc	tgagctgaag	gaaaagattg	360
atcgccgttc	tggtaaaaag	ctggaaaatg	gccctaaatt	cttgaaatct	ggtgatgctg	420
ccattgggtga	tatgggtcct	ggcaagccca	tgtgtgtttg	agagcttctc	aaactattca	480

ccttgggtcc	tttgcgtgc	tgatatgaaa	aaacagtgcg	gggggtgacc	aaacatggac	540
aaaagntnt	tgacttgcag	gtaccaat	nccaaaacta	aaaggtnaan	aaatttncca	600
aaccgcc						607

<210> 526
 <211> 624
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(624)
 <223> n = A,T,C or G

<400> 526						
cgaggtacgc	gggggaagct	ctgtttggtg	ccttggatcc	atttccatcg	gtccttacag	60
ccgctcgtca	gactccagca	gccaaagatgg	tgaagcagat	cgagagcaag	actgcttttc	120
aggaagcctt	ggacgctgca	ggtgataaac	ttgtagtagt	tgacttctca	gccacgtggt	180
gtgggccttg	caaaatgatc	aagcctttct	ttcattccct	ctctgaaaag	tattccaacg	240
tgatattcct	tgaagtagat	gtggatgact	gtcaggatgt	tgcttcagag	tgtgaagtca	300
aatgcatgcc	aacattccag	ttttttaaga	agggacaaaa	ggtgggtgaa	ttttctggag	360
ccaataagga	aaagcttgaa	gccaccatta	atgaattagt	ctaatacatgt	tttctgaaaa	420
tataaccagc	ccattggcta	tttaaaactt	gtaatttttt	taatttacca	aaatntaaaa	480
tntgaagacn	taaccaggtt	gncatctgcg	tgacaatnaa	acattaatgc	tacactttta	540
aaaaaaaaaa	aaaaaaaaaa	gtcctgceng	cggccctcaa	aggggaattc	cacacctggg	600
ggccgtcttt	ngnccccacc	cgnn				624

<210> 527
 <211> 611
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(611)
 <223> n = A,T,C or G

<400> 527						
acagagtgc	actgaacaga	tcacaaagca	cgagaaacat	tagttctctc	cctccccagc	60
gtctccttcg	tctccctggt	tttccgatgt	ccacagagt	agattgtccc	taagtaactg	120
catgatcaga	gtgctgtctt	tataagactc	ttcattcagc	gtatccaatt	cagcaattgc	180
ttcatcaaat	gccgtttttg	ccaggctaca	ggccttttca	ggagagttaa	gaatctcata	240
gtaaaagact	gagaaattta	gtgccagacc	aagacgaatt	gggtgtgtag	gctgcatttc	300
tttcttacta	atttcaaagt	cttccctggt	agcctgctgg	gagttcgaca	cagtgggttg	360
tttggtgctc	cagatgccac	ttcagaaaga	tcctaaaata	atctcctttc	attttcaagt	420
agaacacctt	actttctggt	tgtgtagcat	tgggaataaa	atatttgtcc	acagcttcag	480
aacatcattg	cagatgtcct	gcagtctggc	tntatctttt	acggnacctc	ggccgggaca	540
ccctanggcg	aattccacac	ctggcggccg	tctantggac	ngctnggcca	cttgggnana	600
tggctactgt	t					611

<210> 528
 <211> 615
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(615)

<223> n = A,T,C or G

<400> 528

ggtacttttt	tttttttttt	ttttttttga	gacggagtct	tgttcagctg	cccaggctgg	60
agtgcagtgg	ctcgatcttc	gctcactgca	accaccgtct	cctgggttca	agcgattctc	120
ctgtctcagc	ctcccaagta	gctgggatta	caggccacca	ccatcatgcc	cggctaattt	180
ttgtatattg	gtagagacgg	agttttacta	tgttgggcag	gctgggtctg	aactcctcac	240
ctcagggtgat	ccgcccgtct	tggcctccca	aagtgctagg	attacaggcg	taagccacca	300
tgcctggcca	gatgatgtat	ttaaataatca	taccaaactc	tgtgtattta	tataaagaaa	360
gactggtaaa	agacttcctn	atttttaaaaa	aaaccaaacc	ccaaaccaa	aaaaacttta	420
cccttaccat	tgntgcata	tgtgcagtat	aaaacacaca	cttattngga	catganaaaa	480
ccgnaagaaa	gncccgggta	aactggactt	tgccgccttt	aaaaataaaa	tcnaataagn	540
gccttgaggc	cctttttcaa	tgcaattttt	taacccggac	ctgccngngg	gcggtaaggg	600
naatccancn	ctggn					615

<210> 529

<211> 352

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(352)

<223> n = A,T,C or G

<400> 529

cgagggtactt	tnnttttttt	tttttttttt	tttttgggaa	aagtcatgga	ggccatgggg	60
ttggcttgaa	accagctttg	gggggttcga	tcccttcctt	ttttgtctan	attttatgta	120
tacgggttct	tcgaatgtgt	ggtagggtgg	ggggcatcca	tatagtcact	ccaggtttat	180
ggagggttct	tctactatta	ggacttttcg	cttcgaagcg	aaggcttctc	aaatcatgaa	240
aattattaat	attactgctg	ttagagaaat	gaatgagcct	acagatgata	ggatgtttca	300
tgtggtgtat	gcacgggggt	agtccgagta	acgtcggggc	attccccgc	gt	352

<210> 530

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 530

ggtactgcat	agattaaaga	aataaactgc	agtaaagcca	ctcgtaagga	atgaacgcca	60
ttgccaatga	taatcctctg	cacatagggtg	gaaatagcaa	agaagtatag	ttgcttcaga	120
acaggttaata	accaaataga	taaacaccag	aaataggaag	caaacatgt	aatacatctg	180
gtgtgaccaa	atactattca	gaatgaagaa	aagttgtata	aagatgcagc	caaagggcaa	240

aatccctccc	atgataatac	caggcaaggg	cttcgtgtag	aacgactgtt	caggaatctg	300
acngtgggaat	ctgattgggt	cgaactgggt	gttcaatggc	atcttcttaa	aaccaangta	360
tgcaccaata	aacgtcnnag	gcacagatat	gtanaccaa	gggccaatat	ggcaancagt	420
gtncaccaaaa	gaaatactgt	tgganattct	ctnccagag	gtcagattnt	tattaagaat	480
cncctcggt	cttttttttg	tttttttttt	gctccacttt	nnggtaaann	acntttnttt	540
aaaaatgttt	aantctantt	cctaattccc	atnttctttn	gctnctnnnc	tgctggnggn	600
ctttaaggga	antcncnnt	ggnggcgtcn	atganccact	tgnnactggn	tantagcnac	660
gttcgggang	ttcccnctt	ctaatatccg	gnagtaannc	ggctttgncn	cctantggnn	720
cngcttttcg	aacntgcctn	anannntccg	gaggtgtatn	ttcttctnn		769

<210> 531

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 531

cgaggtactt	tttttttttt	tttttttttt	tgtttttttt	tttttttctt	cagctaaaac	60
agcggaagag	gtgatttatt	atatggttgt	tacactcggc	cacaaataaa	cacagaaata	120
gtccanaatg	tcacaggtcc	aggacagagg	accaacatgg	gcattttgtt	tatgagcaag	180
gtgggtctna	naggtgatcg	gcatcagag	ggcgatgaag	ttctagatcc	attgagacaa	240
gctctagaca	gtagcatgca	gtcccacaac	ttgtctccaa	agattcaggt	ttactcacgt	300
catccagcan	agaatggaaa	gtcaaatttc	ctgaattgct	atgtgtctgg	gtttcatcca	360
tccgacattg	aagttgactt	actgaanaat	ggagagagaa	ttgaaaaant	nggacattca	420
taactgnntt	tcancaagga	ctggtctttc	tatctcttgg	ncttnttttt	tcttntattt	480
ttttnttaca	tngggcctta	ctttaaaaaac	atacntttcc	nnnttacnct	tggatgccaa	540
tngatttcna	nanatttccn	agnngaatcc	tttngttatt	nttaaaantt	gggatctntn	600
gccancactt	ggctaantnt	taccnctttt	nggaatngtc	ntatgntcat	tnttggaaat	660
tncccccctn	angnntttct	ttngngngta	aaaattntta	atnnttaaat	tntttttcna	720
anattnttca	aatactaana	ntnntnnggg	nttanannaa	tnntgtanat	gggnng	777

<210> 532

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(764)

<223> n = A,T,C or G

<400> 532

actttacaag	atagattgta	taagaagcca	aataatgaaa	gcctagaaaa	aactaattta	60
tacttatctg	aaggttacaa	attagacttt	taaattttct	ttgtagtgtg	tggtgtttga	120
gggttggtta	gaaatgaaag	cctggatttt	gtgccatgtt	tgtaatatag	tttgttcctt	180
gatcaaataa	tcagagaaaa	gaaacttaaa	gatctttgtc	tgtgaagaag	aaaattatct	240
ccctagtcca	atctgtagt	aaataagact	acagaaggca	ttgttttttc	ctttttatct	300
tntgnattat	atatttttct	taaatatgtt	ttattgtctt	ctctaagcaa	aaagttctta	360
ataaacatag	tattttctct	tgcgtcctat	ttcattagt	aagacatagt	tcacctaaaa	420

tgccatnctg	ctctgaatcc	agctttttat	aaatggctat	gttttttgatg	atatgtcaca	480
ttcaaaatgg	cctaattaaa	tgtgttaaat	gnaatggcac	tcttataacc	ttaaaataac	540
canaattaac	cctccaaaaa	aanaaaaaaa	aaaaaggcct	tggccgacnc	ntangngant	600
caccnctgng	gentcatgga	cncttggcca	cttgngaann	nggt nangnt	ccggganatt	660
tccccatncc	aattcanegg	acatagnnac	cnggccnaag	ngnnccantg	nnngnnnnct	720
tnnngaacng	gccctnaacn	cccggggngg	tngttcnccc	tcnc		764

<210> 533
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 533						
cgaggtactt	tttttttttt	ttttacagat	acaattggct	tttatttgatg	attcatgagt	60
cagggcagtt	tccattctgc	aaaatatagt	gatagtcct	actgggcaat	acaacagtag	120
aacagtgggt	tttgtaaaat	gggaatccag	gaacagaaga	atataaataa	attgatttaa	180
ataaactgat	tggttaattt	cagaataact	catattactt	ttttctaaga	gttaaagcag	240
aaaggacttt	cttactgtgc	tgactcagac	agcctggact	ctcatgtttt	taggaaaatt	300
ttgtctgttc	tgggatctac	ctgcttcctc	atgttcagt	tgagtatatg	gcatttagca	360
tgactgggcc	attctggagt	caccaggcct	gcacctaaat	gagagttgac	taancatagg	420
cnttaacact	actgcagtac	catcatttng	acttcatcat	catanggtat	gatgnctct	480
aatnttncat	tatttgagtt	tggcattcag	ccacgagaga	atattgcctt	tgacaatgnt	540
gcatgcaact	ttaaagggtt	tagatnccgc	nccnggnact	attnngaaa	tcgggggtcc	600
cccnanttgg	agtttnacct	ggcngaccnn	tgacnaccat	taaggantgt	tagantnccc	660
ttgaaccccc	tttacaccnt	ttgnatttcc	cggcntaacc	ccgggcnnta	agggatccnt	720
tggcntnngg	ccngcgnatn	gaagnacntt	ngannacgcc	tcncaccan	nng	773

<210> 534
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 534						
acacagacaa	atztatgcga	ccagggcaga	ggctgtagat	gattcatatt	tccaattggg	60
aggaggagact	cgcttggtct	tataatatcg	agccaaacgg	tgaatccggc	tctctattag	120
aatcagacgg	aatttagcat	ccttatcctt	tctgttcctc	tcaagatgct	ttcgaacagc	180
aactgctttc	tttaattaaat	ggtagagatc	ttcaggaaga	tcaggagcaa	gtcccttaga	240
cttaagaatt	cttaaaattt	tattgcctgt	cacaaaacgt	acaaattgac	caggctgttg	300
acggctgcct	ccacgtcggg	ggaataattc	tgacgaatct	gggagctcat	ggttggttgg	360
caagaaggag	ctaccacaaa	aacngtgctg	caggtccaga	agcaggagat	ggccgaaaaa	420
tgtcccgaag	ttcaaccgag	aggaaatcga	ggcggccgag	cttgaagaag	tcccgattgt	480
tcgtcaacct	gtgaacagaa	caaccccgga	ccgcnantgc	ccggtntctg	ccggacacct	540
angggaatcn	accctgnggc	gtctangacc	acttggccaa	ctggganntg	gaaatntccg	600

ggaaagntcn	tcaatccca	ttaccgacna	agaactgggc	naagggtcnc	atatgggcnc	660
gccttnnnga	nctnccctta	annccccgga	gggtgntggn	tctcntctan	nntnnngtgg	720
nggnnaanag						730

<210> 535
 <211> 809
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(809)
 <223> n = A,T,C or G

<400> 535						
gcgtggtcng	cggccgaggt	accaactgca	gagccaggaa	aactttgaag	ccttcatgaa	60
ggcaatcggt	ctgccggaag	agctcatcca	gaaggggaag	gatgtcaagg	gggtgtcgga	120
aatcgtgcag	aatgggaagc	acttcaagtt	caccatcacc	gctgggtcca	aagtgatcca	180
aaacgaattc	acgggtggggg	aggaatgtga	gctggagaca	atgacagggg	ataaagtcaa	240
gacagtgggt	canttggaag	gtgacaataa	actgggtgaca	actttcaaaa	acatcaagtc	300
tgtgaccgaa	ctcaacggng	acataatcac	caataccatg	acattgggtg	acattgtctt	360
caagagaatc	agcangagaa	tttaaacaag	tctgcatttc	atattatttt	antgntgtaa	420
aattaatgta	attaaagtga	actttgttta	aaaaaagann	nntnntntaa	atanaaaaaa	480
gtncctgcct	ggcgcccggt	caaaggccaa	ttccagcnac	tngnggccnt	actagtgatc	540
nactcgtcna	acttgcgtaa	nntggcatat	ttgtgctnng	taaatntatc	cctcncatcn	600
ccaaattcnn	ccgagcttaa	atntaaactg	gggcctatag	gnncactcct	tttggttgcn	660
ctgccnttnn	acgaacttcg	ncccttttat	antgcccccc	ganagggtn	tttggttttc	720
ntntatatt	ctctctctcc	ttgngggttt	ttanggtngg	tcatntgggn	tctntanttt	780
agcttnga	ntantngntn	ttntntnt				809

<210> 536
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 536						
actttttttt	tttttttttt	tttttttttt	atgaggaaaa	cccggtaatg	atgtcggggg	60
tgagggatag	gaggagaatg	ggggataggt	gtatgaacat	gaggggtgtt	tctcgtgtga	120
atgagggttt	tatgttggtta	atgtgggtggg	tgagtgaagc	ccattgtgtt	gtggtaaata	180
tgtagaggga	gtatagggct	gtgactagta	tggtgagtc	tgtaagtagg	agagtgatat	240
ttgatcagga	gaacgtgggt	actagcacag	agagttctcc	cagtaggtta	atagtggggg	300
gtaaggcgag	gttagcgagg	cttgctagaa	gtcatcaaaa	agctattant	gggagtanag	360
tttgaagtcc	ttgagagagg	attatgatgc	nacttgtaat	gcnttcgant	ttgagtttgc	420
tagcngaata	nnatgaggat	gtantccngg	gccaatatna	aaatactccc	cgtnaacttn	480
aggggttnga	taaaatgctg	tctaccnng	actttgccgn	acaccttagg	caattcanca	540
ctggngccgt	ctnanggncc	cacttggncc	acnttgngga	acatggcnn	ngtctntngga	600
aatgtttcnt	caattccnc	ttcnaccgan	tantgnaacn	ggggcanaag	cncccatatn	660
gtccctccct	tctngaactt	nncnttaaa	tncccccgga	gggttnatgg	ctttctctnc	720

<210> 537

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 537

cgaggtacga	aagggacaag	agaaataaagg	cctacttcac	aaagcgcctt	cccccgtaaa	60
tgatatcatc	tcaacttagt	attataccca	caccacacca	agaacagggt	ttgttaaaaa	120
aaaaaaaaaa	aaaaaaaaaa	aaaaaagtac	cttgactttg	ttcacagcat	gtaggggtgat	180
gagcactcac	aattgttgac	taaaatgctg	cttttaaaac	ataggaaagt	agaatgggtg	240
agtgc aaatc	catagcacaa	gataaattga	gctagttaag	gcaaatacagg	taaaatagtc	300
atgattctat	gtaatgtaaa	ccagaaaaaa	taaatgttca	tgatttcaag	atgttatatt	360
aaagaaaaac	tttaaaaatt	attatatatt	tatagcaaaa	gttatcttaa	atatgaattc	420
tgttgtaatt	taatgctttt	gaatacacag	atntaaatga	agtattatct	gtaaaaatgt	480
atattagagt	tgtgatacag	agtatatatt	attcanccat	nttcatacta	ataatatgga	540
tttaaanata	tcctataaat	tcnaattcaa	nanaaannnt	gntananaan	aanggnctgn	600
cggcggcgca	nggcaattca	acaatgnngc	gtctanggac	nactgggtcca	cttgggaana	660
ggcaacttnc	tgggaatgat	ccttcattcc	canntaccna	gctanttaac	nggggcaaaag	720
ggcccnntta	tgggnntngc	ntntnnaant	tgcccttaaa	accccggnng	gtgntggntc	780
tttnnttttn	ngnt					794

<210> 538

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 538

ggtacgcggg	ggaaggcctt	cctttttcgt	ctgggctgcc	aacatgccat	ccagactgag	60
gaagacccgg	aaacttaggg	gccacgtgag	ccacggccac	ggccgcatag	gcaagcaccg	120
gaagcaccac	ggcgcccgcg	gtaatgctgg	tggtctgcat	caccaccgga	tcaacttcga	180
caaataccac	ccaggctact	ttgggaaagt	tggtatgaag	cattaccact	taaagaggaa	240
ccagagcttc	tgcccaactg	tcaaccttga	caaattgtgg	actttgggtca	gtgaacagac	300
acgggtgaat	gctgctaata	acaagactgg	ggctgtccca	tcattgatgt	ggtgcatcg	360
gctactacaa	agttctggga	aagggaaaagc	tccaaagcaa	nctgtcatcg	tgaaggccaa	420
atcttcacag	aagagctgag	gagaaaaata	agantgttgg	ggggcctgtg	tctggtgctt	480
gaagcccatt	ganggagttt	aattaatgct	actcttttga	aaaaaanann	aananaaaaa	540
gacctgcccc	gcggcngtaa	ggcaattcac	cnttgngccg	tctaaggacc	actggccaan	600
tgggaanang	gnaanntcc	tgggaatngt	tentcaattc	cccaattaac	caanaangna	660
acnngggcca	nnnggcaccc	ttatggntcc	ctncctttng	gaactngcct	tttaatccnc	720
cngagggnt	tgctccttnt	ntttntgnnt	ggggtaatna	aaagtn		766

<210> 539
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 539

accattggtg	gccaatatgat	ttgatggtaa	gggagggatc	gttgacctcg	tctgttatgt	60
aaaggatgcg	tagggatggg	agggcgatga	ggactaggat	gatggcgggc	aggatagttc	120
agacggtttc	tatttcctga	gcgtctgaga	tgtaggtatt	agttagtttt	gttgtgagtg	180
ttaggaaaag	gcatacagga	ctaggaagca	gataaggaaa	atgattatga	gggcgtgatc	240
atgaaagggtg	ataagctctt	ctatgatagg	ggaagtagcg	tctttagtag	ctacttgccg	300
tgcattgtgcc	cccgcgtact	tgactttctt	ttntatttnt	tttattnttt	ttgactactt	360
agaattttca	caattctaat	aagattgttc	caagtctctc	atgtgcaagc	tttaaaggat	420
gactcttgcc	atattatgtac	ctcggncgcg	accacgctaa	gggcaaattc	agcacacttg	480
cggncgttct	aagtggatcc	nagctcggtc	caaccttgcg	tatcatggca	tactgggtccc	540
tngtgaaatg	tatcccttac	aatcncacac	atcncanccc	aancctaaann	taaanctggg	600
gccaataata	ctactncata	atgctcncn	ctgcctttca	ncnggaacnt	gtgcncctnt	660
tatnatggca	acncggaagn	gtggttggcc	ttcctctcta	aaacntgnng	gntngttgga	720
aggganctct	aggnnncggt	ccaattggan	ncgaaattnt	agctntntac	naaanatntt	780
tttttcnccg						789

<210> 540
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 540

actttttaagg	gcataataag	ggttaacatt	ctaggcagta	taaacacacc	ccataatgca	60
agtaatagggt	aatctagaga	tgtggacttt	attgctatat	gggaattaca	tttaaatttg	120
agggcattttt	atataaagaa	aaatacagac	ctataaagtt	tgcatatttc	attaagttat	180
cttttaatat	ttttttctag	aaaacagggtg	acatttgtat	ctacgataaa	aattttttata	240
cagaacctac	tgccctcaaac	tgaatcccat	caagaaaact	agtttctatt	gnattaagta	300
actcaaaaata	aattatcact	tcgaaaactt	gctttccaca	ctaaggtaag	tcagactaga	360
tgaacactcc	agaattttta	ctacagactg	ttttaagtta	gaagtgatgg	caattttataa	420
attgagaata	tcctccctga	tgccctaact	ggccaaacca	aaatctaaga	aagcagtgc	480
ncctcttact	atnatgaact	tctgaatang	gtagggacct	cctgggentan	nnatgaaaan	540
ncctggccga	ccccctaggg	aatccnccact	gggggcctnn	anggaccnan	tgcccaantt	600
gnnannnggn	aangnnccctg	gnaatgtccn	caattcncna	atnccgncna	aagtaacngg	660
gcccnnggggn	annnnnangn	ngncnncnnc	nnngaannng	cccttnaann	ncccgngggg	720
ggngggntct	nnncnnnncc	nnngggg				747

<210> 541
 <211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 541

cgaggtacca	tgaaatacat	atatttcata	aggttcagtt	acaaaatgga	ttgtttcaaa	60
tggcaatttc	ttacactaac	ctgattatga	aaaaaagaag	tctgtatcat	ctgcttccaa	120
gtctgttatg	tccaaatata	ttttaattat	gcatttat	tgctactttt	ataaatatta	180
gagatttcac	cttaaattat	ttttgtaact	agttctagaa	catgttttcc	aattattatt	240
tttctaattg	agacatataa	ttgacctatg	tttatgcata	tatgttctct	acacagtga	300
acttttttta	aaaagaatag	taaagaaaat	gcggaagctc	tggctctcca	aggcaaagtc	360
aaaaaaaaaa	aaaaagcggg	ggggaatgcg	aggaacattt	tattacacct	cctgatttca	420
ctccttgagt	ttattttctc	ccttggttat	tggttaatgc	tagaaactgn	attctaagag	480
agcatccttt	tcaggtgacn	tgataattgg	aagatttgat	ccttccgcga	cctgnccggc	540
ggccgtcnaa	nggcnatctc	anccactggc	ggcgggtctaa	nggatcnact	tggncacact	600
ggctaactgg	caacnggtcc	ngggngaaat	gnatccttaa	atccncactc	nacccgacct	660
aangaactgg	ggcaagggnc	accctatggn	gctcngcctt	cnnngaantnn	ccnncttaan	720
aaccnggggn	gntggnntct	nnnnnnnnnn	cnnnntgngg	gnntaanaag	ann	773

<210> 542

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(770)

<223> n = A,T,C or G

<400> 542

cgaggtactt	tttttttttt	tttttttttt	tttttttttag	aattctgaat	tttattagag	60
aatatatcta	aaatacaata	tttattaagt	tatgatatat	tgncctgaatg	gaaatatact	120
ctgnatcgca	actctaatta	taacaatttt	tacagataat	acttcattta	tatctctgna	180
attcaaaagt	cattaaatta	caacagaatt	catattttaag	ataactttgc	tataaatata	240
taataatttt	taaagttttt	ctttaatata	acatcttgaa	atcatgaaca	tttatttttt	300
ctgggttaca	ttcatagaat	catgactatt	ttacctgatt	tgccttaact	agctcaattt	360
atcttggtta	tggatttgca	ctcaccattc	tactttccta	tgtttaaaag	cacatttttag	420
tcacaattgn	gagtgtcat	caccctacat	gctgtgacaa	aggcaagggc	ctgcccgggc	480
ggccgtcnaa	anggcgaatt	ccncaactgg	cggcgggtcca	agtggancga	ctcggaccaa	540
ctngggaaca	tggcaactgg	tcccggggaa	atggaaccgt	acattcccca	natcagccga	600
ncttaggtaa	acngggggcn	aaggggggcta	cncataatgg	nggtccnccc	ttcatngaac	660
cgngccctnn	tatnatgcac	cccggagggt	nnttngcctc	ctentnnnnn	ntcngntgtg	720
gagggagtcc	ngggggggtnc	canggggggna	aaaantgccn	ngncccgng		770

<210> 543

<211> 748

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(748)
 <223> n = A,T,C or G

<400> 543

accgcgggat	gcccctcatt	tacataaata	ttatactagc	atttaccatc	tcactttctag	60
gaatactagt	atatacgtca	cacctcatat	cctccctact	atgcctagaa	ggaataatac	120
tatcgctgtt	cattatagct	actctcataa	ccctcaacac	ccactccctc	ttagccaata	180
ttgtgcctat	tgccatacta	gtctttgccg	ctgcgaagca	gcggtgggcc	tagccctact	240
agtctcaatc	tccaacacat	atggcctaga	ctacgtacat	atgctaggcc	atatggtaac	300
tctatgttta	acattttgag	gaactgccaa	actgttttcc	aaagtgacta	cactatttta	360
cattcccacc	ttgaagggtcc	aattttctga	cattctacca	acatgggtaa	tggctgcttt	420
ttatttagca	accttaatgg	gtgtgaagag	atactcaatg	ggaatttgat	tgattcccta	480
angctaata	tttggnnttct	ttctggctga	ngccagagnt	atctntttgg	gaaaattatt	540
naancttgnc	atttaacnng	cngatttatn	tgatntanaa	tnttntattt	ggancngcc	600
tttaagnaag	nttaaaaattn	ncaatnttgg	ggcttncttt	tggccatgan	naannttaat	660
nntannanna	attnnntncn	annnggcnnng	tnaannannn	nnnanaaana	annnttnnna	720
anaannactt	tttnnnnnna	cntggcgg				748

<210> 544
 <211> 327
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(327)
 <223> n = A,T,C or G

<400> 544

actttttttt	tttttttttt	tttttttttt	tttttttttt	ttggctctag	aggggggtaga	60
gggggtgcta	tagggtaa	acgggcccta	tttcaaagat	ttttagggga	attaattctg	120
ggacgatggg	catgaaactg	tggtttgctc	cacagatttc	anagcattga	ccgtagtata	180
cccccggtcg	tgtagcggtg	aaagtgggtt	ggtttaaacg	tccgggaatt	gcctctgttt	240
ttaagcctaa	tgtggggaca	gctcatgagt	gcaagacgtc	ttgtgatgta	attattatac	300
gaatgggggc	ttnaatcggg	agtagctt				327